GOVERNMENT OF ANDHRA PRADESH

ABSTRACT

AHDD&F Department – The Andhra Pradesh Animal Feed (Regulation of Manufacture, Quality Control, Sale and Distribution) Rules, 2021 – Revised - Notification – Orders – Issued.

ANIMAL HUSBANDRY, DAIRY DEVELOPMENT & FISHERIES (AH.I) DEPARTMENT

G.O.Ms.No.38 Dated:25-08-2021.

Read the Following:-

1. G.O.Ms.No.51, AHDD&F(AH.I) Department, Dt:31.12.2020.
2. G.O.Ms.No.27, AHDD&F(AH.I) Department, Dt:10.06.2021.
3. From the Director of Animal Husbandry, A.P., Vijayawada, Lr.Roc.No.AHF02-SCH0SPS(RBK)/31/2021-RBK, Dt:22.07.2021.
4. G.O.Ms.No.37, AHDD&F(AH.I) Department, Dt:25.08.2021.

** * **

ORDER:

In the G.O., second read above, Government issued notification by making the Andhra Pradesh Animal Feed (Regulation of Manufacture, Quality Control, Sale and Distribution) Rules, 2021, in exercise of the powers conferred under section 49 of the Andhra Pradesh Animal Feed (Regulation of Manufacture, Quality Control, Sale and Distribution) Act, 2020.

2. In the G.O., fourth read above, Government appointed the 1st day of September, 2021, as the date on which the provisions of the said Act, shall come into force.

3. In view of the above, Government have decided to revise the date of commencement of the said Rules.

4. Accordingly, the following Notification will be published in an Extra-ordinary Issue of the Andhra Pradesh Gazette, Dated:01-09-2021.

NOTIFICATION

In exercise of the powers conferred by section 49 of the Andhra Pradesh Animal Feed (Regulation of Manufacture, Quality Control, Sale and Distribution) Act, 2020 (Act No.37 of 2020), read with section 21 of the General Clauses Act, 1897 and in supersession of the notification issued in G.O.Ms.No.27, AHDD&F (AH.I) Department, Dt:10.06.2021 and published in the Andhra Pradesh Gazette Rules supplement to Part-I Extraordinary No.18, dated:10.06.2021, the Government hereby make the Andhra Pradesh Animal Feed (Regulation of Manufacture, Quality Control, Sale & Distribution) Rules, 2021 which are appended to this Notification **shall come into force w.e.f., 1st day of September, 2021**.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

POONAM MALAKONDAIAH
SPECIAL CHIEF SECRETARY TO GOVERNMENT (FAC)

To
The Commissioner, Printing, Stationery and Stores Purchase, A.P., Vijayawada with a request to supply 100 copies of Gazette to this Department.
The Director of Animal Husbandry, Labbipet, Andhra Pradesh, Vijayawada.

Copy to:
All the Departments of A.P. Secretariat.
All the Collectors & District Magistrates.
All Heads of the Departments in the State.
P.S. to Secretary to the Governor, Rajbhawan, Vijayawada.
P.S. to Additional Secretary to C.M.
P.S. to Minister(AHDD&F).
P.S. to Special Chief Secretary to Government, AHDD&F Department.
P.S. to Secretary to State Legislature, APLA,
P.S. to Secretary to State Legislature, APLC.
The Law(F) Department.
The Finance Department.
The G.A.(Cabinet) Department.
SF/SC.

//FORWARDED::BY::ORDER//

T. Nagesh
SECTION OFFICER

(Contd...)

(G.O.Ms.No.38, AHDD&F(AH.I) Department, Dated:25-08-2021)

Andhra Pradesh Animal Feed (Regulation of Manufacture, Quality Control, Sale and Distribution) Rules, 2021

CHAPTER-I

PRELIMINARY

1. **Short title and commencement**:-
   1. These rules may be called the Andhra Pradesh Animal Feed (Regulation of Manufacture, Quality Control, Sale and Distribution) Rules, 2021.
   2. They shall come into force on the date of their publication in the Official Gazette.
2. **Definitions:-** In these rules, unless the context otherwise requires,-
   1. "Act" means Andhra Pradesh Animal Feed (Regulation of Manufacture, Quality Control, Sale and Distribution) Act, 2020;
   2. "AFI" means Animal Feed Inspector;
   3. "Analyst" means Animal Feed Analyst ;
   4. "Controlling Authority" means Animal Feed Controlling Authority;
   5. "Department" means Andhra Pradesh Animal Husbandry Department;
   6. "Fee" means any fee stipulated in these rules;
   7. "Laboratory" means Animal Feed Analytical Laboratory;
   8. "Notification" means a notification published in the Andhra Pradesh Gazette.

   NOTE: Words and expressions used herein and not defined, but defined in the Andhra Pradesh Animal Feed (Regulation of Manufacture, Quality control, Sale and Distribution) Act, 2020 shall have the meaning assigned to them in that Act or Rules as the case may be.

CHAPTER-II

CONTROLLING AUTHORITY / LICENSING AUTHORITY AND ANIMAL FEED QUALITY CONTROL COMMITTEE

3. **Functions and Powers of the Controlling Authority:-** Controlling Authority shall be the overall Supervisory and Executive Authority of the Act at State level and shall have the following Functions and powers:
   1. To take all necessary measures to implement the provisions of the Act in the State;
   2. To monitor, regulate and promote the production, distribution and sales of Quality Animal Feed in the State;
   3. To arrange for preparation of Standards for Animal feeds, in case of non-availability of BIS standards for any approved species with the help of Animal related research and development institutes of either Central or State Governments and get them approved by the Expert Committee and BIS as per the procedure laid under these rules;
   4. A Monitoring Cell shall be established at Office of the Controlling Authority for day-to-day monitoring of the implementation of the Act and these Rules. This Cell shall coordinate with the Licensing Authority in the districts, for liaisoning, obtain data, compile reports and carryout all the related work at State level;
   5. To ensure capacity building to all the stakeholders involved in the Animal Feed Business Operations and Officers involved in implementation of this Act;
   6. To carry out any other functions.

4. **Functions and Powers of Animal Feed Quality Control Committee:-** The Animal Feed Quality Control Committee (hereinafter called as Quality Control Committee) shall have the following Functions and Powers in addition to the functions prescribed under Section 12 of the Act:
   1. To assist the Controlling Authority on implementation of the Act and to provide technical basis for decision making by the Controlling Authority;

2. To provide independent technical and scientific advice to monitor and evaluate the implementation of the Act at the field;
3. To provide information on Animal production and other data relevant to the Act in such a way as to enable the Controlling Authority to implement the Act effectively;
4. To enter any premises where Animal Feed Business Operations are carried out for the purpose of technical evaluation and audit;
5. To take samples of any Animal feed for the purpose of technical evaluation and audit;
6. To gather information or data from any Animal Feed Business Operations for the purpose of technical evaluation and audit;
7. To suggest technical corrective measures to Animal Feed Business Operations if such need arises;
8. Any other function assigned by the Controlling Authority.

5. Functions and powers of Licensing Authority:-

The Licensing Authority is the Supervisory and Executive Authority of the Act at District level and shall have the following functions in addition to the powers endorsed under section 5 of the Act:

1. To supervise the implementation of the Act.
2. To issue licenses, monitor and regulate Animal Feed Business Operations.
3. In case of violations of the provisions to suspend/cancel the license.
4. To ensure the Animal feed sold or intended to be sold comply with the quality standards as per the provisions of the Act and these Rules.
5. Issuance of orders to stop/ close any Animal Feed Business Operations in case of violation of the provisions of the Act/Rules.
6. To ensure all the Animal feed manufactured in other states or other countries and sold in the State comply with the Quality Standards as laid down under the Act/ Rules.
7. To constitute Designated Committee when need arises with the following members:
   Veterinary Assistant Surgeon of that area – Chairman;
   One Revenue Official not below the rank of Revenue Inspector of that area;
   One Police Official not below the rank of Assistant Sub Inspector of that area;
   And Licensee or Representative of Licensee
8. All the powers required to carry out the functions assigned.

6. Functions and Powers of Animal Feed Inspector (AFI):-

The AFI is the field level enforcing officer and shall have the following functions:

1. To execute the provisions of the Act and these rules at field level.
2. To assist the Licensing Authority for issue of licenses for Animal feed business operations in the District.
3. To enter and search the premises in which Animal Feed Business Operations are being undertaken.
4. In case, if any product with a rectifiable defect is found, the AFI shall be empowered to order not to sell such defective product for a period not exceeding seven (7) days or till the alleged defect is rectified whichever is earlier. If such defect is not rectified within a given period of seven (7) days, the AFI shall seize such defective product from the Licensee;
5. To assist the Licensing Authority to ensure that the Animal feed sold or intended to be sold in the District complies with the quality standards as per the provisions of the Act and these Rules.
6. Take samples of Animal feed from Animal Feed Business Operators and send the samples to Notified/Referral Animal Feed analytical Laboratories for analysis as the case may be.
7. Sending the analysis reports to the Licensing Authority for taking further action.
8. Examine any record, register, document or any other material object found in any place where Animal Feed Business Operations are being carried out and seize the same.
9. To break any physical facilities in the presence of Designated Committee in case of non-cooperation of Licensee.

10. Any other function assigned by the Controlling Authority.

7. Functions of Laboratory:

1. The Laboratory shall analyze Animal feed samples as per the provisions of the Act and Rules.
2. Form No. 9 shall be used for forwarding the sample to Animal Feed Analysis Laboratory;
3. The samples received at the Analytical Laboratory are to be properly preserved, analysed as per Rule No.20 and the results are to be reported in Form No.11
4. The Analyst at Laboratory shall follow the procedure described under Bureau of Indian Standard/ AOAC (Association of Official Analytical Chemists)for analysis of the samples received as described in Annexure-IV of these Rules.

8. Issuance of License/ Endorsement:

(1) General Conditions:

1. Provisions pertaining to Issuance of License under Section 8 of the Act shall be applicable to all Licenses under these Rules.
2. License fee payable for various Animal Feed Business Operations as per **Annexure** III and the fee structures are likely to be revised from time to time.
3. The Licensee shall abide to the responsibilities as described under Section 23 of the Act.
4. After these rules coming to force, only Department shall have the powers to issue endorsements/ licenses to all animal feed/mineral mixture business operations.
5. If any specific Quality Control Act is in force, licenses / endorsements issued by other Department as per the provisions of the concerned Quality Control Act, such endorsements / Licenses obtained from such Department shall be deemed to be the Endorsements / Licenses obtained from the department under this Act.
6. Licenses / Registrations already issued to the existing Animal feed/mineral mixture Business Operators by any department under any other Act shall be valid and it is not necessary to apply for license afresh. However, these old licenses are to be endorsed by the licensing authority of this Act for the remaining period of old license.
7. The old licenses endorsed by the licensing authority under this law, shall be deemed to be Licenses issued afresh under this Act and shall be governed by the provisions of this Act with effect from the date of endorsement.
8. Under this Act, endorsement is done only to those licenses / registrations, which were issued before the appointed date of this Act. Where ever, Endorsement is not done to any License/Registration issued under any other act after the appointed date, it is mandatory for such licensee to obtain fresh license with in the stipulated period and further no endorsement shall be issued by Department to the license / registration issued by any other agency /organization on or after the appointed date of this Act.
9. All the licensing processes are online. Model service request forms, documents to be enclosed, fees to be remitted, estimated time period for the process and all other details shall be made available on the web-portal.
10. The service request can be filed by the applicant himself on the Web-portal. The applicant has to make sure that all the required information is furnished and required documents are uploaded on the web-portal. Incomplete applications are liable to be rejected and fee remitted shall not be refunded under any circumstances.
11. To facilitate the applicants who do not have facility /expertise to fill online service request form, option of filling the service request form physically (offline) at the Village /Ward Secretariat shall be available. If service request form is filled and signed by the applicant offline, the Digital Assistant shall fill service request form online and upload the scanned copy of the service request form signed by the applicant along with necessary documents with the help of the Animal Husbandry Assistant attached to the Village Secretariat. In such cases,

the Digital Assistant shall make sure that the Service Request is in full shape with all required documents. The Digital Assistant has to facilitate the applicant to rectify defects, if any.

12. However, if any service request received from any of the sources is found to be incomplete or erroneously filled, it shall be "recommended for rejection" by the officer who found the shortfall. Decision on the rejection of such service request shall be taken only by the Licensing Authority.
13. License / endorsement shall be given for one unit only. If any person/ firm are operating more than one unit, separate license /endorsement shall be obtained for each unit.
14. In case of issuance of license/endorsement to leased units, the license / endorsement shall remain in valid condition only in the lease agreement period. Once the lease agreement period lapses, the license shall automatically be kept under invalid condition by the software. SMS / e-mail alert shall be sent to the license holder to this effect. In case if the license agreement is extended by the same person/firm/company, online request shall be made in Form No.1/A for revalidating the license/ endorsement. In case if a new person / firm / company enters into lease agreement, procedure described under clause(x) above shall be followed for the transfer of license /endorsement in the name of new lease holder.
15. Animal Feed Business Operators shall submit a proof of payment of Profession Tax under " The Andhra Pradesh Tax on professions, Trades, Callings and Employments Act 1987" along with service request form for grant of Endorsement/ License for Animal Feed Business Operations.
16. In case of issuance of license to import animal feed under the Act the licensee has to apply to the licensing authority in Form No. 28 upon verification of the documents and validation, the licensing authority shall issue the license in Form No.29.

(2) Common Process for all Licenses / Endorsements:

1. The applicant shall register on-line and login to file the appropriate service request form from Website portal link. If any fee is payable, the applicant shall pay the fee online. Necessary documents shall be uploaded. Once the request is successfully filed, a reference number shall be generated and SMS & e-mail (if applicable) alert shall be sent to the applicant and this information shall be made visible on the dashboard of the concerned Digital Assistant at Village Secretariat. The applicant shall have the option of downloading the acknowledgement at this stage, or
2. To facilitate the applicants who do not have facility /expertise to fill online service request form, option of filling the service request form physically (offline) at the Village /Ward Secretariat shall be available. If service request form is filled and signed by the applicant offline, the Digital Assistant shall fill service request form online and upload the scanned copy of the service request form signed by the applicant for record purpose along with necessary documents shall be uploaded by the Digital Assistant. In such cases, the Digital Assistant shall make sure that the Service Request is in full shape with all required documents. The Digital Assistant has to facilitate the applicant to rectify defects, if any. Once the service request is successfully filed online, a reference number shall be generated and SMS & e-mail (if applicable) alert shall be sent to the applicant. The Digital Assistant at Village / Ward Secretariat shall download the acknowledgement and hand it over to the applicant by affixing his/her signature. This process shall be completed at Village/ Ward Secretariat as soon as possible across the counter but in any case on the same day.
3. Service request filed under clause (i) or (ii) shall be forwarded to the Animal Husbandry Assistant for verification.
4. After verification, the Animal Husbandry Assistant shall forward the service request to the next level, within 24 hours (1 day). In case if he/ she fails to comply with the time period allotted to him/her, the software shall automatically forward it by invoking "deemed" provision.

(3) All Licenses /Endorsement on existing license of animal feed business operators:

1. Process described under clauses (i) to (iv) of rule (2) shall be followed by using Service Request Form No. 1 /A and thereafter;
2. The service request shall be forwarded to the concerned AFI by the software. The AFI shall verify the details in the service request form and enclosures. After verification, the AFI shall forward the application to the Licensing Authority along with remarks (if any) and recommendation as soon as possible but not later than Six (6) days from the date of receiving the application in his/her login. In case if the AFI fails to comply within the time period allotted to him/her, the software shall automatically forward it by invoking "deemed" provision. SMS & e-mail (if applicable) alert shall be sent by the software to the applicant in this regard;
3. On receipt of application in his/her login, the Licensing Authority shall verify the details and enclosures once again and thereafter, basing on remarks and recommendation of the AFI, shall issue new license in Form No.3/B and endorsement in Form No.2, as soon as possible but not later than eight (8) days, failing which the software shall automatically issue license/endorsement by invoking "deemed" provision. SMS & e-mail (if applicable) alert shall be sent to the applicant in this regard;
4. The applicant may get printout of the New license (Form No.3/B) and endorsement (Form No.2) by logging into his/her login (if applicable) or from the concerned Village Secretariat. The concerned Digital Assistant at Village /Ward Secretariat shall arrange the printout of the New license (Form No.3/B) and endorsement certificate (Form No.2) to the applicant across the counter as and when the applicant approaches Village / Ward Secretariat;
5. In case if the conditions for the grant of new license/ endorsement are not complied, the service request shall be rejected by the Licensing Authority in Form No.4 duly furnishing the reasons for rejection as per Section 8 of Act. Alert shall be sent through SMS & e-mail (if applicable) to the applicant in this regard. The applicant need to apply again, if wishes so, by duly rectifying the defects and paying the prescribed fee

(4)Process of issue of new license/endorsement

1. Licenses already issued to the existing Animal Feed Business Operators by any department under any other act shall be valid and it is not necessary to apply for license afresh. However, these old licenses are to be endorsed by the licensing authority of this Act in order to consider them to be issued under this Act.
2. The old licenses endorsed by the licensing authority under this Act, shall be deemed to be Licenses issued afresh under this Act and shall be governed by the provisions of this Act with effect from the date of endorsement for the remaining period of the old license.
3. If any person/firm, carrying out the Animal Feed Business Operations with Licenses already issued by any department under any other act before commencement of this law, the person/company/firm shall apply for endorsement to the Licensing Authority within a period of Four (4) months from the appointed date in Form No.1/A
4. The applications received for new license/ endorsement of existing licenses, shall be processed by the licensing authority within six (6) days, by following the prescribed procedure as specified under clauses (i) to (v) of sub-rule (3) shall be followed.
5. If any application under clauses (i) to (iv) of sub-rule (2) is submitted, the Licensing Authority:-
    1. If satisfied that the applicant has fulfilled all the terms and conditions of application for carrying out the Animal Feed Business Operations, shall issue/endorse the license within six (6) days from the date of application; in Form No.3/B for new license and in Form No.2 for endorsement
    2. If the Licensing Authority is of the opinion that the applicant has not fulfilled majority of the prescribed terms and conditions, the applicant shall be informed the same and be given an opportunity to furnish documents before rejecting the application within fifteen (15) days from the date of receipt of letter issued by licensing authority.

3. If rejection of application made under this Rule in Form No.4 is not issued within the stipulated time of fifteen (15) days, the license/endorsement shall be deemed to be issued.
4. Till the time of receiving acceptance or rejection of application made under Rule 8 the applicant may continue to operate Animal feed business operations in case of endorsement.

CHAPTER-III

MINIMUM STANDARDS & SPECIFICATIONS AND EXPERT COMMITTEE

9. The Standards of Animal Feed:-

1. Animal feed sold or intended to be sold in the State shall comply with the BIS Quality Standards/Standards prescribed as under Section 13 of the Act.
2. The minimum standards and specifications for various animal feeds and mineral mixture are appended in Annexure-II to the Rules.
3. The Animal feed shall not contain any prohibited antibiotic or pharmacologically active substances under any circumstances and shall be certified accordingly on every animal feed bag.
4. The list of adulterants and their maximum permissible levels are appended in Annexure-VII to these Rules.

10. Procedure for approval of a new Animal feed:

In case if any of the Licensee wants to get approval for a new Animal Feed the following procedure shall be followed:-

1. The Licensee shall submit the sample of new product and Service request in Form No.5, along with prescribed fee and results of research conducted by the Company itself or any other organization to the Licensing Authority.
2. The Licensing Authority on scrutiny shall forward the application with sample(s) along with its recommendations to the Controlling Authority.
3. On receipt of such application and sample, the Controlling Authority shall forward the application and sample(s) to the Expert Committee.
4. On receipt, the Expert Committee shall do preliminary scrutiny of application and enclosures.
5. During preliminary scrutiny, if the Committee is not satisfied with the new product and documents of research result furnished, it may reject the application for approval directly without any further process and shall inform the applicant accordingly.
6. If the Committee satisfies itself with the results of research conducted by the company or any other organization, such new feed shall be approved.
7. If the Committee is not satisfied with the results of the research conducted by the company or any other organization, the Committee shall refer the online research information to take a final view before taking the final decision on such new feed.
8. If the Committee is satisfied with the online research information, it shall approve such new Animal feed.
9. If Committee is not satisfied with the online research information or if no such research information is available online, the proposed new Animal feed shall be rejected.
10. This process shall be completed within 180(One hundred and eighty) days from the date of receipt of application.
11. On the recommendations of the Committee, the Controlling Authority shall issue directions to the Licensing Authority to issue License to the applicant, if applicant submit a service request for issue of License to new Animal feed.

11. Certification:

Certification for approved Animal feed and Mineral mixture shall be done by Licensing Authority as per Section 16 of the Act with the help of **Accreditation Committee**. Certification is done both to physical facilities of a Feed Manufacturing Unit (also referred to as 'accreditation') and also the Animal Feed produced from that Feed Manufacturing Unit. For certification, procedure described as under shall be followed.

(1) General Conditions:

1. Certification shall be by Department with the help of Accreditation Committee. Certification is done both to physical facilities of a production unit (also referred to as 'accreditation') and also the product produced from that production facility.
2. The application process for Certification shall be done online. Model service request forms, documents to be enclosed, fees to be remitted (Annexure III), estimated time period for the process and all other details shall be made available on the web-portal.
3. The service request can be filed by the applicant in Form No. 15 for accreditation of feed manufacturing plant and in Form No.18 for certification of feed produced by certified feed manufacturing plant by himself/herself on the Web-portal. The applicant has to make sure that all the required information is furnished and required documents are uploaded on the web portal. Incomplete applications are liable to be rejected and fee remitted shall not be refunded under any circumstances.
4. To facilitate the applicants who do not have facility / expertise to fill online service request form, option of filling the service request form physically (offline) at the Village / Ward Secretariat shall be available. If service request form is filled and signed by the applicant offline, the Digital Assistant shall fill service request form online and upload the scanned copy of the service request form signed by the applicant for record purpose along with necessary documents. In such cases, the Digital Assistant shall make sure that the Service Request is in full shape with all required documents. The Digital Assistant has to facilitate the applicant to rectify defects, if any.
5. However, if any service request received from any of the sources is found to be incomplete or erroneously filled, it shall be "Recommended for rejection" by the officer who found the shortfall. Decision on the rejection of service request shall be taken only by the Licensing Authority. 'Recommended for rejection' shall be done as early as possible and in any case within 50% of the time period allotted to him/her for verification. The option of "recommended for rejection" shall not be available to the officer after 50% of the time allotted to him/her. This provision is kept to avoid last minute rejections.
6. Time limit of 50% mentioned in the clause (v) for rejecting shall not be applicable to the Licensing Authority.

(2) Common Process for all Certifications:

1. The applicant shall register online and login to fill the appropriate service request form (please refer Annexure I), if any fee is payable, the applicant shall pay the fee online (please refer Annexure III). Necessary documents shall be uploaded. Once the service request is successfully submitted, a reference number shall be generated and SMS & e-mail (if applicable) alert shall be sent to the applicant and same information shall be made visible on dash board of the concerned Digital Assistant Village Secretariat. The applicant shall have the option of downloading the acknowledgement at this stage, or;
2. To facilitate the applicants who do not have facility / expertise to fill online service request form, option of filling the service request form physically (offline) at the Village / Ward Secretariat shall be available. If service request form is filled and signed by the applicant offline, the Digital Assistant shall fill service request form online and upload the scanned copy of the service request form signed by the applicant for record purpose along with necessary documents. In such cases, the Digital Assistant shall make sure that the Service Request is in full shape with all required documents. The Digital Assistant has to facilitate the applicant to rectify defects, if any. Once the service request is successfully submitted, a reference number shall be generated and SMS & e-mail (if applicable) alert shall be sent to the applicant. The Digital Assistant at Village / Ward Secretariat shall download the acknowledgement and hand it over to the applicant by affixing his/her signature. This process shall be completed at Village/ Ward Secretariat as soon as possible across the counter but in any case on the same day.

3. Service request filled under clause (i) of sub-rule (2) shall be forwarded to the Village Animal Husbandry Assistant for verification.
4. After verification, the service request shall be forwarded to the next level, within 24 hours (1 day). Incase if he/ she fails to comply with the time period allotted to him/her, the software shall automatically forward it by invoking "deemed" provision.
5. The service request shall be forwarded to the AFI by the software. The AFI shall verify the details in the service request form and enclosures. After verification, the AFI shall forward the request to the Licensing Authority along with remarks in Form No. 16 as soon as possible but not later than three (3) days from the date of receiving the request in his/her login. In case if the AFI fails to comply with the time period allotted to him/her, the software shall automatically forward it by invoking "deemed" provision. SMS & e-mail (if applicable) alert shall be sent by the software to the applicant in this regard.
6. On receipt of application in his/her login, the Licensing Authority shall verify the details and enclosures once again and thereafter, shall forward the service request to the Accreditation Committee for further necessary action.
7. The Accreditation Committee shall download the service request form and all documents and shall visit the facility and verify whether in-house laboratory facilities and in-line quality analysis facilities and mechanism is available with the applicant or not.
8. If such facilities are available with the applicant, then applicant shall be given orientation about the preserving sample of the product from every batch, testing of quality of product from every batch and uploading the results of analysis on the web-portal and other processes.
9. If Accreditation Committee satisfies that the applicant has all the infrastructure, equipment, manpower to comply with the procedures and quality standards for feed the licensing authority shall issue certification in Form No. 17 for feed manufacturing plant.

(3) Certification of Animal Feed:

1. Process described under sub-rule (2) shall be followed by using Service Request Form No.18 (please refer Annexure-I) for Animal Feed, and thereafter.
2. The service request shall be forwarded to the AFI by the software. The AFI shall verify the details in the service request form and enclosures. After verification, the AFI shall forward the request to the Licensing Authority along with remarks (if any) as soon as possible but not later than three (3) days from the date of receiving the request in Form no. 19 his/her login. Incase if the AFI fails to comply with the time period allotted to him/her, the software shall automatically forward it by invoking "deemed" provision. SMS & e-mail (if applicable) alert shall be sent by the software to the applicant in this regard.
3. On receipt of application in his/her login, the Licensing Authority shall verify the details and enclosures once again and thereafter, shall forward the service request to the Accreditation Committee for further necessary action.
4. The Accreditation Committee shall download the service request form and all documents and shall visit the facility and verify whether in-house laboratory facilities and in-line quality analysis facilities and mechanism is available with the applicant or not.
5. If such facilities are available with the applicant, then applicant shall be given orientation about the preserving sample of the product from every batch, testing of quality of product from every batch and uploading the results of analysis on the web-portal and other processes.
6. If Accreditation Committee satisfies that the applicant has all the infrastructure, equipment, manpower to comply with the procedures and quality standards for feed (Annexure-IV) for according certification, the Accreditation Committee shall recommend for the allotment of User ID and password to the applicant with provision for entry of analysis report of the product.
7. Such recommendation shall be forwarded by the software to the District Licensing Authority. On receiving such recommendation, the District

Licensing Authority shall allot User ID and password, SMS and e-mail alert shall be sent.

8. From the date of issuance of User ID and Password, ten (10) days of observation period shall commence. During this observation period, the applicant shall collect samples three times at least three representative samples from each batch of feed produced.
9. 1st representative sample shall be analysed in the in-house laboratory and results of the analysis shall be uploaded on the web-portal on daily basis; and the remaining two representative samples shall be sealed and marked labelled. One sealed sample (2nd representative sample) shall be retained with the licensee while the other sealed sample (3rd representative sample) shall be sent to the Accreditation Committee.
10. The Accreditation Committee shall randomly analyse samples received from the applicant and shall compare the results of analysis with the results uploaded by the applicants. If both results are consistent and matching during the observation period, recommendation (Form no. 19) shall be given for according Certification to the product.
11. On receipt of recommendation from the Accreditation Committee, the Licensing Authority shall issue Certification to the specific product along with details of make, brand, production unit and product specifications with the approval of Controlling Authority in Form no. 20. SMS e-mail alert shall be sent to the applicant in this regard.
12. The applicant may download the Certificate and use it for selling of the certified product. For continuation of certification, the Licensee shall continue the sampling, analysis, sample forwarding, result uploading procedure described above. If there is discontinuity in this process, Certificate shall be suspended.
13. The validity period of the Certification of product shall be one (1) year and subsequently to be renewed every year by paying annual certification charges.
14. If the applicant fails to fulfill the requirements referred under clause (viii) and clause(ix) during observation period of ten (10) days, the application automatically stands rejected by the software and the fee paid shall be forfeited. SMS and e-mail (if applicable) alert shall be sent to the applicant and the information shall be made visible on dashboard of concerned AFI and Licensing Authority.
15. The applicant shall apply again for the certification of the product after duly rectifying the shortfalls observed by Accreditation Committee.
16. Apart from randomly analysing the samples and comparing the results uploaded by the licensee on the web-portal, the Accreditation Committee shall randomly (as per system generated randomization schedule) inspect the units and ensure whether all the conditions for certification of the product are being met or not. Inspections shall also be made when any complaint is received. At any point of time, if the Accreditation Committee finds that the product is not complying with the mandatory standards for certification of the product, then it shall intimate (online) the Licensing Authority about then on-compliance of quality standards. Upon receipt of such online intimation, the Licensing Authority shall suspend the certification given to the product. Consequently, the user account allotted to the licensee shall be deactivated.
17. The licensee shall, as soon as possible, within thirty (30) days in any case, rectify the quality issues in the product and may submit such information and remit fee (as given in Annexure-III) on the web-portal for revoking the suspension of the Certification to the Product. Such request shall be forwarded by the software to the Licensing Authority and the same shall be made visible on the dashboard of the Accreditation Committee.
18. On receipt of such request in his/her login, the District Licensing Authority shall verify the details and enclosures and thereafter, shall forward the request to the Accreditation Committee for further necessary action.
19. The Accreditation Committee shall visit the facility of the applicant and shall verify whether proper measures are put in place to assure quality of the product or not.

20. If the quality issues are addressed, the Accreditation Committee shall recommend revocation of suspension of Certification of the product.
21. On receiving such recommendation from the Accreditation Committee, the District Licensing Authority shall activate the User Account of the license and an observation period of ten(10) days shall come into effect again.
22. Procedure described under clause(viii) and clause(ix) shall be repeated.
23. On receipt of recommendation from the Accreditation Committee, the Licensing Authority shall revoke suspension on Certification to the product.
24. If the applicant fails to rectify Quality issues as referred under clause (xvi) within thirty (30) days, the request for revoking of suspension stands rejected by the software and the fee paid shall be forfeited. SMS and e-mail (if applicable) alert shall be sent to the applicant the information shall be made visible on dashboard of the concerned AFI and Licensing Authority.

12. Accreditation Committee:

The Accreditation Committee shall be constituted by the Licensing Authority with the following members to assist the Licensing Authority in certification process for feed plants and feed products:

(1) Members of the Committee:

1. One Revenue Official not below the rank of RDO-Chairman
2. One Animal Husbandry Department Officer not below the rank of Deputy Director(member-secretary)
3. One member from Pollution Control Board not below the rank of Assistant Director
4. One member from District Industries Department not below the rank of Assistant Director
5. One member from SVVU not below the rank of Associate Professor(Feed &Fodder Technology or Animal Nutrition)
6. One member from VBRI not below the rank of Assistant Director

(2) Functions of the Accreditation Committee:

1. To certify the feed products that are produced from accredited feed plants
2. To assess and certify the infrastructure facilities and production facilities that produce animal feeds
3. To assist the Licensing Authority in certification process of Feed Plants and feeds produced

(3) Powers of the Accreditation Committee:

1. To certify facilities and to certify various feeds
2. To collect accreditation/certification charges or any other charges in the process of accreditation or certification
3. Charge fees or any other charges for services rendered or for facilities and equipment provided
4. Provide consultancy service
5. To collect, analyse samples and to accredit/certify all animal feed business operations in the district
6. To inspect and audit any feed manufacturing unit or any animal feed business operational establishment for compliance to the quality standards in the district;
7. To enter and inspect physical facilities, raw materials, end products, records of all animal feed production, processing, distribution and sale units in the district

CHAPTER-IV

PACKING, MARKING AND LABELLING

13. Labeling and Marking of Animal feed Bags:

1. Every Animal feed bag sold or intended to be sold in the State shall comply with the requirements specified in Section 17 of Act and shall contain the following information printed legibly:
2. License No.
3. Declaration: For sale in AP

4. Name of the material (Name of Species & Life Stage) and brand name (if any)
5. Type of Feed
6. Name and address of the manufacturer
7. Net quantity when packed
8. Batch or Code Number
9. Date of Manufacture
10. Date of Import (if applicable)
11. Date of Expiry
12. Conditions under which the feed is to be stored
13. Any other markings required under Legal Metrology (Packaged Commodities) Rules 2011.
14. Standards followed (BIS/FAO/Govt. of AP)
15. All ingredients in the feed shall be mentioned on the feedbag in their order of predominance. The percentage of all ingredients shall be mentioned on the feedbag. It is desirable to mention exact percentage of ingredients; however, if the feed manufacturer wishes not to reveal the exact percentage of ingredients, the percentage of ingredients shall be mentioned within a range of +/- 25 % of their inclusion in the feed.
16. Antibiotic, hormones & pharmacologically active substances free certificate
17. Pesticides, Herbicides (if any)
18. Moisture content (Max %)
19. Crude protein content (Min %)
20. Crude fibre content (Max %)
21. Crude fat content (Min %)
22. Storage conditions

(2) The label for Animal feed (printed format on package for livestock, poultry and pet animal feed) shall be in Form-D and for mineral mixture shall be in Form-E as prescribed under Section 17 of the Act (see Schedule-I of the Act)

CHAPTER-V

REGULATION OF SALE

14. Animal Feed Business Operations:

(1) General requirements to be complied by Animal Feed Manufacturers/ Distributors are given Annexure -IX.

15. Maintenance of Registers and Records:

(1) The Licensing Authority shall by order in writing direct any approved manufacturer, agent or dealer to maintain accounts and records relating to his business in accordance with Section 45 of Act.

(2) The Animal Feed Business Operators shall maintain the following records:-

1. License/ Registrations Certificates from Competent Authorities
2. Facilities and Infrastructure
3. Technicians and Staff Particulars
4. Safety Standards
5. SOPS/ Protocols
6. Sample / Quality testing
7. Inputs
8. Indents and Supply orders
9. Bill books / Invoices
10. Sales Register
11. Annual Turnover Register
12. Accounts Register
13. Audit Reports
14. Inspection Register

16. Classification of Animal Feed Business Operations and Fee payable:

1. Every person desirous of carrying out Animal Feed Business Operations shall make application to Licensing Authority along with prescribed fees as per Section 7 of the Act.

2. The Classification of Animal Feed Business Operations along with fee payable for license/endorsement is detailed in Annexure III appended to these Rules.
3. The User Charges for Analysis of Samples at Notified and Referral Animal Feed Analytical Laboratories are detailed in Annexure III appended to these Rules.

CHAPTER-VI

ANIMAL FEED SAMPLE ANALYTICAL LABORATORIES AND REPORTS

17. Notified/ Referral Laboratories:

1. The list of notified and referral laboratories along with the tests conducted are furnished in Annexure-V.
2. The list of equipment with technical manpower and facilities required in Referral and notified Laboratories are given in the Annexure- VI.
3. The list of notified and referral laboratories shall be altered by way of giving notification in the Andhra Pradesh Gazette.

18. Procedure to be followed for collection of samples:

1. At least one (1) sample shall be collected from each licensee in a quarter without fail
2. The system generated report about the non-collection of samples shall be sent to the licensing authority for taking necessary action on the concerned AFI.
3. In case of any extraordinary circumstances, if the concerned AFI unable to attend the task of sample collection, up on information from the AFI the licensing authority may permit another AFI to collect pending samples

19. Procedure to be followed by the Laboratory analyst at Notified / Referral Laboratory on receiving sample:

1. Once the sample is received at laboratory, the analyst shall verify the received package and shall ensure that the package is intact, free from cracks and leaks. The analyst shall also make sure that tag or slip is there with the container.
2. If the analyst is satisfied that the container / sample is not damaged and contains all details, he / she shall acknowledge the receipt of sample (with remarks if any) online by uploading the information on the web-portal and a SMS / e-mail (if applicable) alert shall be sent to the concerned AFI.
3. If the Analyst observes damage to the sample and feels that it is not fit for analysis, the Analyst shall immediately report to the AFI about the damaged sample and shall request for providing alternative sample.
4. Under receipt of information about the damaged sample, the AFI shall arrange to send the portion of sample retained with licensee through a special messenger.
5. The samples must be preserved and properly stored in the laboratory till the analysis is completed. All the protocols of sample preservation must be followed by the Analyst.
6. The Analyst at the Laboratory shall follow standard protocols/ procedures and shall complete the analysis at the earliest and in any case within seven (7) days from the date of receipt of sample.
7. The report of sample analysis (Form No.11)shall be uploaded by the Analyst on the web-portal. The report shall automatically be forwarded to the concerned AFI and AFI shall forward the report to concerned Licensee from whom the sample is taken and also to the Licensing Authority for information purpose.

20. Sample Collection and Analysis Procedures:

1. The AFI shall collect samples as per the schedule allotted to him/her.
2. The procedure of giving notice for collection of the sample, collection, packing, sealing, marking, labeling, forwarding, etc. as described below:

(I) Procedure of collection, packing, sealing, marking, Labeling:

1. The AFI is empowered to take any sample of any Animal feed for the purpose of analysis.

2. The AFI shall take three representative samples of required quantity as mentioned in Section 26 of Act. Mark and seal or fasten up each sample as its nature permits.
3. Whenever the AFI intends to take sample from licensee, he/she shall give notice in Form No. 6 in writing, then and there, of such intention to the person/firm from whom he/she intends to take sample.
4. When samples are taken the AFI shall,-
    a. deliver one sample (1st representative sample) to the person/firm from whom it has been taken under proper acknowledgement in Form No.8;
    b. send another sample (2nd representative sample), for analysis to the nearest notified laboratory in Form No.9;
    c. AFI shall retain the sample (3rd representative sample) with him/her to use it as and when required.
5. If the person from whom the sample/s taken refuses to accept one representative sample as mandated in the Act, the AFI shall send such refused representative sample also to the notified Laboratory with an intimation in Form No.7 of such refusal and thereupon the Analyst at Notified Laboratory shall preserve the refused sample and shall deliver it to the Animal Feed Inspector as and when required.
6. In case if there is any contravention of the sampling procedure/Test Procedures prescribed under this Act with any other Quality Control Acts of the State, sampling procedure/Test Procedures described in Quality Control Act for that material / input shall be followed.
7. Sample collection photos along with geo-coordinates to be uploaded online at the time of sample collection for generation of sample code number by the software.
8. If licensee is not satisfied with the report issued by the notified laboratory or in case of contravention the 3rd representative sample upon payment of actual analysis charges, handling and departmental charges (if any) by the licensee shall be sent to referral laboratory in Form No.10. The result declared by the Referral laboratory shall be final.

(2) Sample size, container type, and model, sealing method:

(i). Sample Size:

(1) Dry form samples-powder/pellets/granules:500gms or as required
(2) Liquid form samples-Molasses/CSL/Brewery waste etc:500ml or as required
(3) Sealed container: probiotics/feed additives-100-250 gms or as required

(ii). Container type:

(1)Polythene bag packing
(2)Plastic bottles/jars/tins
(3)Any other container/package as per suitability

(iii). Sealing method:

1. Stopper/cap of bottles or jars has to be securely fastened to prevent the leakage.
2. Bottles/jars or containers should be wrapped by the strong thick paper. It should be securely tied with twine /thread. The edges of packing material are properly affixed by gum or any other adhesive.
3. The AFI shall obtain signatures of the licensee/trader (or custodian) and one witness on a tag and attach the same to the sample and the tag shall also contain the signature of AFI; date of collection of sample; code number of sample. The tag shall be securely attached to the sealed container.
4. In case if the person from whom the sample is collected, refuses to affix his/her signature or thumb impression, signature of another witness shall be taken.

(3) Sampling Frequency:

1. There is no fixed frequency for the collection of samples from licensees
2. Samples are to be collected as and when required, however at least four samples are to be collected from each Licensee/trader in a year, preferably once in every quarter. There is no limit on maximum samples that can be collected from a licensee
3. Sample collection is to be done by AFI
4. The sample is to be collected only from sealed feed bag/container only
5. In case of collection of sample from farmer/consignee/ purchaser (upon complaint), the Licensee/trader shall be intimated so as to provide an opportunity to the Licensee/trader to make sure that reference sample from the same batch provided by him/her is also analysed along with the sample collected from purchaser or consignee.
6. Sample is to be collected only if the remaining time for expiry of Animal feed is not less than fifteen (15) days.
7. Every AFI shall maintain a register in which details of sample collection are to be recorded
8. Sample size, container type, and model, sealing method as described above in sub rule no.2shall be followed.
9. Samples shall be preserved for a minimum period of 30 days. In case of disputes sample shall be retained as per the directions of the Licensing Authority.
10. In case if there is any variation in the results of Notified laboratory with Referral laboratory, the result of the Referral Laboratory shall be final.
11. Sample analysis report shall be prepared and issued in Form No.11

CHAPTER-VII

IMPORTS

21. Examination of customs

1. An authorized officer as per Section 28 of Act have a right to examine any customs entries of imports of any Animal feed or mineral mixture imported into Andhra Pradesh and forward such samples to the Referral laboratory for analysis and report .
2. In the case of presence of adulterants / non-compliance to standards in imported Animal feeds (from other States/other countries) distribution / sale of such feed will be banned in the State.

CHAPTER-VIII

OFFENCES AND PENALTIES

22. Offences and Penalties:

1. The violations of any provision under the Act and Rules shall be considered as an offense and attract penalty.
2. Indicative list of offenses & penalties specified in Annexure- VIII.

23. Seizure and Forfeiture of the Property:-

The AFI, if he has reason to believe that any animal feed or mineral mixture is held or exposed or offered for sale in violation of the requirement of the Act, shall seize/hold such animal feed or mineral mixture until the sample is analysed in laboratory and orders are issued by the Appellate Authority for its disposal under Section 29 of the Act.

(1) Procedure to be followed for seizure and forfeiture of the stock (input/equipment/produce/service) of the person/firm who commits an offense:

A. After receiving the online orders of the Licensing Authority, a notice in Form No. 21 shall be served online/offline to the defaulted licensee duly mentioning the details of nature and type of violation established / proved as per the provisions of the Act / rule and the action proposed to be initiated against him/her.

B. After serving notice to the defaulted licensee, the AFI shall proceed to the premises of the offense and take the following actions as detailed below:-

i. Inputs (Feed, feed supplements (manufacturers, distributors , retailers):

a. Seize the material by locking the godown/facility where the stock is stored.
b. Transport vehicles found in the premises shall also be seized.

ii. Equipment:

a. Seize the material by locking the premises/facility where the stock is stored.
b. Transport vehicles found in the premises shall also be seized.

iii. Services (lab):

a. Lock the premises/ lab and not allowing the rendering of the services.
b. The AFI shall make sure that further functioning of the unit is stopped by taking appropriate action like disconnection of the power supply with the assistance of electricity department.
c. While carrying out the action, photos and videos of the action being taken shall be uploaded along with geo-coordinates online.
d. After the action is carried out by the AFI, the same may be informed online to the Licensing Authority and SMS/e-mail alert shall be sent to the Licensee in this regard.

(2) Procedure to be followed by the AFI for breaking open any premises or in the case of non-cooperation by the Licensee:

1. This option shall be exercised only if the owner or any person in occupation of the premises refuses to allow the collection of sample(s).
2. In case of non-cooperation of the Licensee during the visit of AFI, he or she shall inform the Licensing authority and the Designated Committee about the incident and shall intimate them about the details such as place, date and time of the process.
3. As far as possible, the process shall be carried out during day time only. Under emergency conditions it may be carried out during night time also
4. The men and material required for the process shall be mobilized by the concerned AFI well before the proposed date of the process.
5. The process shall be carried out only in the presence of the Designated Committee
6. Care shall be taken to cause no/ minimal damage to civil structure or any other material while carrying out the process.
7. The entire process shall be video graphed in variably.
8. The sample shall be collected and / or seizure of the property shall be done after breaking open the premises
9. The inquest report shall be prepared in Form No.13 by the Designated Committee.
10. The AFI, after completion of the Inquest, shall submit Inspection Report in Form No.14 online along with Inquest Record/ Report within three to five days (3-5) days from the date of completion of Inquest to the Licensing Authority for information and further necessary action.
11. Upon receipt of such inquest report, the Licensing Authority shall take action as per the provisions under Offenses and Penalties.

24. Cancellation/Suspension of license:

1. If the Licensee commits an offense for which the License is liable to be suspended/cancelled as per the provisions of the Act or these rules, a show-cause notice shall be issued to him/her to show the reasons that why the license should not be suspended or cancelled, as the case may be in Form No.22 by the Licensing Authority.
2. The Licensee shall submit a reply to the show-cause notice with evidences, if any, within fifteen (15) days in writing from the date of receipt of show-cause notice in Form No.23.

3. The Licensing Authority, if satisfied with the reply of the Licensee, may drop further proceedings in this matter.
4. If the Licensing Authority is not satisfied with the reply of the Licensee, may suspend or cancel the License in Form No.24 as per the provisions of the Act or these Rules and shall communicate the same to Licensee accordingly. SMS/ e-mail/ office communication alert shall be sent to the Licensee and concerned AFI in this regard.
5. In case of defects if rectified by the Licensee and reported, the Licensing Authority shall revoke the suspension.

CHAPTER-IX

APPEAL

25. Appeal:

1. Any person who is aggrieved by the order passed by the Licensing Authority refusing to grant license /endorse a license; refusing to revoke suspension; passing order for cancellation; forfeiture / seizure of property and others may within thirty (30) days from the date of receipt of such order by him/ her, as case may be, and on payment of a fee prefer an Appeal (Form No. 25) to the Appellate Authority.
2. The Appellate Authority shall summon the Appellant (Form No.26) and the Licensing Authority/concerned officer (online intimation) along with all the supporting documents and shall hear the case physically or virtually.
3. Based on the evidences, observations and analysis reports during hearing, the Appellate Authority shall dispose of the appeal within fifteen (15) days by issuance of necessary orders (Form No. 27)
4. Every order passed by the Appellate Authority on an appeal preferred, shall be final.

CHAPTER-X

MISCELLANEOUS

26. Forms and Formats:-

1. The list of Forms and Formats to be used for various purposes under the Act and these rules are appended in Annexure-I
2. In case if any modifications required in various processes, formats, forms, etc. for operational convenience, such modifications shall be proposed by the Animal Feed Quality Control Committee and shall be submitted to the Controlling Authority for approval
3. The Controlling Authority shall be empowered to approve with / without modifications or reject the modifications and effect such modifications by means of executive orders

27. Powers to frame regulations:

1. In case if any procedures, process are to be elaborated or any clarifications are to be given with regard to provisions of Act or Rules there under, the Controlling Authority may frame regulations in consistent with the Act and Rules through the Quality control committee and Expert committee.
2. The Controlling Authority shall have the powers to approve regulations in consistent with the Act and Rules.
3. The Registering/licensing authority may, by order in writing direct any approved manufacturer, agent or dealer to maintain such books, accounts and records relating to his business such as
    i. Sample / Quality testing
    ii. Inputs/ Ingredients Register
    iii. Bill books / Invoices
    iv. Sales Register
    v. Annual Turnover Register
    vi. Accounts Register
    vii. Audit Reports
    viii. Inspection Register

4. Every holder of valid license or registration certificate shall submit yearly returns in duplicate in respect of each class of approved Animal feed or mineral mixture processed by him in Form no.12/ T
5. Online platform will be made available for issue of license and other procedures of this Act through software application
6. The Government may, by notification, make rules for carrying out all or any of the purposes of this Act.
7. In particular and without prejudice to the generality of the foregoing power, such rules may provide for,-

    (i) the functions of Licensing Authority;
    (ii) Notifying the feed analytical laboratories/referral laboratory;
    (iii) the functions of the notified/referral laboratory;
    (iv) the procedure of collection, packing, sealing, marking / labeling, preservation, forwarding sample to notified and referral laboratories, storing and disposal of the samples collected;
    (v) the requirements which shall be complied by person/ firm carrying out the business of Animal feed and mineral mixture
    (vi) the procedures for the grant of a license, the particulars it may contain, the fees which should accompany it, the form of the License and the conditions subject to which the License may be granted;
    (vii) the standards to which Animal feed and mineral mixture should confirm ;
    (viii) the form and manner in which an appeal may be preferred and the procedure to be followed by the Appellate Authority in disposing the appeal;
    (ix) the form for forwarding the sample by authorised officer to notified Laboratory;
    (x) Testing procedures and Form of report of result of the analysis and the fees payable in respect of such report;
    (xi) the records to be maintained by a person/firm carrying out the business and the particulars which such records shall contain;
    (xii) The procedure to accreditation of 'Animal feed and Mineral Mixture Manufacturing and processing units and approved feeds & mineral mixture;
    (xiii) The procedures for seizure, launching prosecution for offences and penalties for contravention of this Act;
    (xiv) Any other matter which is to be or may be prescribed.

28. Standard Operating Procedures (SOPs) / Best Management Practices (BMPs):

1. These are the standard procedures or management practices to be followed in Operations of Animal Feed Business for increasing production, productivity and profitability.
2. The SoPs/ BMPs also help to mitigate the environmental risk and they make Animal Feed Business sustainable in long run.
3. SoPs / BMPs given by FAO, Government of India, Department of Animal Husbandry, Dairying and Fisheries, Government of Andhra Pradesh, SVVU, EIC, FSSAI, DCA and others shall be made available on the web-portal of the Department.
4. The licensees shall adhere to the SoPs/ BMPs and Advisories available on the web-portal.

29. Fixation and Revision of Fees / Charges / Penalties

1. The charges fixed under the Act and Rules for providing various services like issuance of License, Certification and any other services and penalties imposed for various offenses are fixed for the first time under these Rules and are given in Annexure-III.
2. The charges fixed as per sub-rule (3) of Rule 16 are not fixed but are revisable from time to time.
3. The Controlling Authority shall have the powers to revise any Fee / charge / penalty collectable by Licensing Authority.

4. As and when need for revision of any Fee / charge / penalty arises, the Controlling Authority shall prepare and submit such proposal to the Special Chief Secretary/Principal Secretary/Secretary to Government, AH,DD&F Department, Government of Andhra Pradesh for approval.
5. Upon the approval of Special Chief Secretary/ Principal Secretary/ Secretary to Government, AH,DD&F Department, Government of Andhra Pradesh, executive orders shall be issued by the Controlling Authority to this effect. The revised rates will be effective from the date of issuance of executive orders or date of effect mentioned in such executive orders.

30. Finance, Budget, Accounts and Audit:

1. The charges fixed under these Rules for providing various services like issuance of License, Certification and any other services and penalties imposed for various offenses shall be credited by the Licensing Authorities into the Green Channel PD Account of the Controlling Authority separately created for this purpose.
2. The funds accrued in the process of implementation of the Act shall be treated as the own funds of the Animal Husbandry Department.
3. The own funds generated during implementation of the Act shall be utilized for the purpose of,-

(A) Staff:-

i. The Controlling Authority may avail the services of any in-service employee of Department of Animal Husbandry/ SVVU/ ICAR or any other Government Department /Any retired qualified Government employees/ NGO towards a specific work / task. Such person shall be called as "Resource person". Resource persons shall be entitled for payment of TA/DA and honorarium from AP Animal Feed Act Funds. Resource persons may be engaged by Controlling Authority as and when required and there shall be no restriction on the number of resource persons engaged at any given point of time

ii. (a) The Controlling Authority may avail the services of two IT Executives at State level and Data Processing Officers one each at district level on Outsourcing basis as may be required.
(b) The Qualification prescribed for the IT Executive shall be B.Tech / B.C.A / B.Sc. (Computer Science) / B.Com (Computer Science) and for Data Processing Officers qualification shall be Degree with experience in computer typing.
(c) The consolidated remuneration paid per month for IT Executive shall be Rs.30,000/- per month and for Data Processing Officer shall be Rs.17,500/- per month, subject to meeting the expenditure from their own funds only.

iii. The funds shall be utilized for payment of salaries and emoluments to the staff engaged on the Animal Feed Act implementation work.

iv. The concurrence of Government in Finance Department shall have to be obtained for every Human Resources appointments.

(B) Infrastructure:

i. The funds shall also be utilized for provision of infrastructure facility to field veterinary institutions.

ii. The funds shall also be utilized for establishment, up gradation of Animal Disease Diagnostic Laboratories, Veterinary Biological Research Institute in the State including procurement of equipment, chemicals and other material connected with testing of the samples.

(C) Other Expenditures:

i. The funds shall also be utilized for procurement of computer software, hardware, stationary and other office furniture required in the process of implementation of the Act.

ii. The funds shall also be utilized for meeting the administrative expenditure (up to 10% of the total funds available)

POONAM MALAKONDAIAH
SPECIAL CHIEF SECRETARY TO GOVERNMENT (FAC)

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

Annexure -1

SERVICE REQUEST FORM FOR NEW LICENSE/ENDORSEMENT OF EXISTING LICENCE

Form No. 1/A

(See Rule no. 8)

Application No._____ Date._____
Old License/ Registration No :_____ Date_____
Validity period up to _____
Registration Authority Details :_____

Latest Passport Size Photo

Type of Animal Feed Business:-
Feed Plant/ Mineral mixture Plant

Applicant Details:-

Aadhaar Card No: _____
Name of Applicant/Registered Company/Establishment (in BLOCK letters) *:
Sri/Smt/Kum:_____
_____
Father/Husband Name:_____ State : _____
District: _____ Mandal:_____ Village / Ward : _____
Door No: _____ Locality/Land Mark: _____
Pin Code: _____ Mobile No:_____
Location of the Unit:-
District : _____ Mandal : _____Revenue Village: _____
Survey No (s)/ Geo-coordinates_____
Ownership Right: Free hold/ Lease hold
If lease, Period of lease : from :_____To :__
Whether registered*: Yes/ No
Total Extent of the Unit (Acres_____ Sq yard _____Sq. feet____ Area:_____
Source of water: _____ Provision for Outlet:
_____
Installation / Registered Production capacity of the Firm:- (in Million Tons)
Feed Plant (MT/Annum) : _____Mineral Mixture Plant (MT/Day):_____
Annual turnover (Rs in Lakhs)_____
List of Products manufactured:
Name of the Product : Quantity produced(MT/year)
Amenities Available:-Water / Drainage Facility/ Electricity/Road Connectivity/Waste Disposal Facility/ Bio Security Measures
Total Number of Employees working
a) Skilled:_____ b) Un skilled:_____C) Executive:_____
PCB License No and valid upto_____ (if applicable)
Firm APGST No : _____ (if applicable)

Details of remittance of License Fee :
Amount Paid :
Mode of payment: Cash/ ATM/NEFT/ NET Banking

Declaration

I/We _____Son(S)/daughter(s)/wife of _____ residing at _____ hereby declare that the information furnished above is true with best of my/our knowledge and belief. I am/We are fully aware that if it is found that the information furnished by me/us is false or there is any kind of deviation/ violation of the conditions, the endorsement on license/ registration issued under Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control,Sale And Distribution) Rules,2021 will be Suspended or cancelled without any notice.

Signature

List of documents (for Upload)

(1) Pattadhar pass book / Title deed/Registered lease deed (If available)
(2) Old License/ Registration
(3) NOC from PCB (if applicable)
(4) NOC from Industries Department (if applicable)
(5) Self-Attested copies of GST/ TIN (if applicable)
(6) Aadhaar Card

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM - 2
(See Rule no.8)

ENDORSEMENT ON EXISTING LICENSE/REGISTRATION OF ANIMAL FEED BUSINESS OPERATIONS

Endorsement No. : Date of issue:

(i) The animal feed business operation unit/firm/establishment of Shri/ Smt/Miss ..... Son/ Daughter/Wife of ..... resident of .....is issued with License by the District Licensing Authority--------- District on _____ with effect from the date of endorsement to the effluxion of time remaining for the old license subject to the conditions overleaf under Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021.

Details of units for which the license is issued

1. Application No and Date :
2. Location of the Unit :
3. Type of Animal Feed Business Operation :
4. Name of the Products for which license is given:
5. Production Capacity of the Unit :
5. Annual turnover (Rs. In lakhs) :
6. Validity Period :

Place

Signature of the Licensing Authority/

Date: **.....District**

(Seal of the Authority)

Conditions for License

1) License certificate shall be displayed at office in a prominent place of the production unit for verification by the authorities under this Act
2) Licensee shall maintain the standards and comply the provisions specified in the Act and Rules

3) License is issued for the production, processing &storage establishment and sales as mentioned in the application.
4) For production of any new other than mentioned in the application, shall apply in separate application to get license duly paying prescribed fees.
5) The license is non-transferrable and the license fee once paid is not refundable
6) The license shall comply all the relevant Companies Act and Rules and statutory regulations
7) The Animal Feed inspector will inspect the premises Business establishment unit at any time and take the samples.
8) This license is valid subject to obtaining the all other necessary statutory permits from other competent authorities for operation of the unit
9) The license shall maintain the records and registers for the unit/ establishment with production details, operational details, accounts, income tax returns, safety standards and all other required book of records and shall produce for inspection by Animal Inspector
10) This license is valid for details furnished in the application for unit/establishment only. Further expansion or additional capacities made to the unit/establishment shall be applied separately and obtain permission

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM 3/B
ISSUANCE OF NEW LICENSE FOR ANIMAL FEED BUSINESS OPERATIONS
(See Rule no.8)

License No. : Date of issue :

The animal feed business operation unit of Shri/ Smt/Miss ..... Son/ Daughter/Wife of ..... resident of .....is issued with License by the District Licensing Authority--------- District on _____ with life time validity subject to the conditions overleaf under Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021

Details of units for which the license is issued

1. Application No and Date :

2. Location of the Unit :

3. Type of Animal Feed Business :

4. Production Capacity of the Unit :

5. Annual turnover (Rs. In lakhs) :

8. Validity Period : Life Time

Place

Date

Signature of the Licensing Authority/
.....District
(Seal of the Authority)

Conditions for License

1) License certificate shall be displayed at office in a prominent place of the production unit for verification by the authorities under this Act
2) Licensee shall maintain the standards and comply the provisions specified in the Act and Rules
3) License is issued for the production, processing &storage establishment and sales as mentioned in the application.
4) For production of any new other than mentioned in the application, shall apply in separate application to get license duly paying prescribed fees.

5) The license is non-transferrable and the license fee once paid is not refundable
6) The license shall comply all the relevant Companies Act and Rules and statutory regulations
7) The Animal inspector will inspect the premises Business establishment unit at any time and take the samples.
8) This license is valid subject to obtaining the all other necessary statutory permits from other competent authorities for operation of the unit
9) The license shall maintain the records and registers for the unit/ establishment with production details, operational details, accounts, income tax returns, safety standards and all other required book of records and shall produce for inspection by Animal Inspector
10) This license is valid for details furnished in the application for unit/establishment only. Further expansion or additional capacities made to the unit/establishment shall be applied separately and obtain permission

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM 4

REJECTION FOR ISSUE OF LICENSE/ENDORSEMENT FOR ANIMAL FEED BUSINESS OPERATIONS.
(See Rule no.8)

Letter No. **Date:**

From
The Licensing Authority/

.....District

To
.....
.....
.....(Address of the applicant)

Sir/ Madam

Sub: Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021- Rejection of application for License/ endorsement of Animal Feed Business Operations- Communicated-Reg

Ref: Your application No._____dated .....

*****

Your Application filed vide reference cited for license/ endorsement/ transfer of ownership for Animal Feed Business Operations in favour of _____(Nameof the applicant/firm/company) proposed / located at.....(V)_____(M)_____District is here by rejected due to following reasons –
1.
2.

Date:

Licensing authority
.....District.

Note: if the applicant is aggrieved by the above decision can make an appeal before the Appellant Authority within15 days from the date of receipt of the letter

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM NO 5

SERVICE REQUEST FORM FOR APPROVAL OF NEW ANIMAL FEED

(See Rule no.10)

Application No._____ Dated_____

1	Name of the applicant (IN BLOCK LETTERS)		
2	Applicant Address		
i	Village		
ii	Mandal		
iii	District		
iv	Mobile No.		
v	Aadhar No.		
vi	e-mail ID		
3	Name of the feed plant		
i	License / Registration No & Date		
ii	License/ Registration authority		
iii	Village		
iv	Mandal		
v	District		
vi	Phone No.		
vii	e-mail ID		
4	New Fee type(specify):		
	Details of ingredient / product with specifications	Ingredients and Composition	Species for which feed is proposed to be used
I			
II			
III			
IV			
V			
VI			
VII			
5	R& D Trials carried out by (Self or any other institute) Give full details and address of the institute and contact number of the person who carried out the experiment		
6	Results of the R&D Trial (to be uploaded as a separate file)		
7	Other details if any		

Declaration:

I / We _____Son(S)/daughter(s) /wife of _____ residing at _____ hereby declare that the information furnished above is true with best of my/our knowledge and belief. It is also declared that the facility is operated in conformity with the approved standards and protocols. The produce/ product is free from any kind of banned substances

I am/We are fully aware that if it is found that the information furnished by me/us is false or there is any kind of deviation/ violation, the approval issued under Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021will be cancelled without any notice.

Place:
Date:.

Signature of the applicant.
Office Seal

Documents to be enclosed:

1) Product label covers
2) R& D Results reports
3) Other relevant documents

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM-6
(See Rule no.20)

NOTICE TO LICENSEE FOR SAMPLE COLLECTION

Ref. No_____ **Dated**_____

From
The Animal Feed Inspector
_____
_____

To
Sri/Mrs/Miss/ Mr._____
_____
_____
(Licensee address)

Dear Sir/ Madam,

On this .....day of .....(month) 20.....the undersigned wish to collect sample(s) as described below from your firm/establishment/premises located at _____(Address).for random checking and analysis under Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021.

Details of Sample(s)

Sl. No.	Description of sample with specifications,	Name of the manufacture/ Brand	Batch No / Code No and date	Remarks
1.				
2.				
3.				

Place:
Date:

Animal Feed Inspector
Office Seal

Licensee/ Representative (signatures)
Witness; (1) (2)

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM -7

ADDITIONAL SAMPLE SENT TO NOTIFIED LABORATORY FOR ANALYSIS ON REFUSAL TO ACCEPT SAMPLE BY THE LICENSEE
(See Rule no.20)

From:
Animal Feed Inspector

_____

To
The Notified Laboratory

_____

Lr. No _____Dated_____:

Sir/ Madam.

Sub: Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021- Sample(s) collected from _____ on _____- Licensee refused to take the sample(s)- Preserving the sample – requested – regarding

Ref: Notice issued under Rule 20(1)(ii) of the Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021to the Licensee
Vide Lr. No_____ Dated_____

<<<>>>

I am to state that, I have collected the following sample (s) vide reference cited from the _____(name of the firm/unit/establishment) located at_____(location of the unit) on _____(Date) for quality checking/ analysis as per the provisions contained under 20(1)(ii) of the Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021.

Sl. No.	Description of sample with specifications collected	Name of manufacture	Batch No / Code No Manufacturing date	Remarks
1.				
2.				

On collection of the sample (s), I have handed over one portion (s) of sample (s) of above mentioned sample(s) collected to the licensee with proper label and sealing. But the licensee has refused to take the sample(s) without assigning any reasons.

Therefore, I request the In-Charge Officer, Notified Laboratory to preserve the refused sample and hand over the sample to the concerned AFI in case legal proceedings.

Place: Signature of the Animal Feed Inspector
Date: Official Seal

Copy to the Licensing Authority_____ District for favour of kind information

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM 8
(See Rule no. 20)

ACKNOWLEDGEMENT TO LICENSEE FOR THE SAMPLE COLLECTED

Ref. No_____
Date: _____

To
Sri/Mrs/Miss/ Mr._____
_____
_____
(Licensee address)

Dear Sir/ Madam:

On this .....day ....the undersigned has collected sample(s) as described below from your ..... (Name of the firm/ unit/establishment / company) situated at..... (Location) for the purpose of quality checking / analysis under Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021.

Details of sample(s) taken

Sl. No.	Description of the sample with specifications	Batch No & Code No	Brand/ Make	Remarks
1.				
2.				
3.				

The undersigned has handover one of the portion (s)/ sample (s) with properly labelled and sealed

Place: Signature of the Animal Feed Inspector

Date: Official Seal

Licensee/ Representative (signatures)
Witness: (1)
(2)

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM 9
(See Rule no. 7&20)
LETTER TO NOTIFIED /REFERRAL LABORTORY FOR ANALYSIS OF SAMPLE(S)

From:
Animal Feed Inspector
_____
_____

To
The Analyst
Regional Analytical Laboratory_____
_____
_____

Lr. No._____ Dated_____

Sir/ Madam,

The sample described below is sent herewith for analysis under Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021 with proper sealing and labeling.

Details of samples sent

Sl. No.	Description of sample(s) (Type and specifications)	Code No. of the Sample	Parameters to be tested/ analysed	Remarks
1.				
2.				

The analysis report may kindly be sent to the undersigned within the prescribed time for initiating further action. The receipt of sample(s) intact may kindly be acknowledged
Encl: Sample(s) with proper labelling and sealing

Place: Signature of the Animal Feed Inspector

Date: Official Seal

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM 10
(See Rule no.7& 20)

SERVICE REQUEST FORM BY LICENSEE FOR SENDING THE SAMPLE TO REFERRAL ANALYTICAL LABORATORY APPROVED BY THE GOVERNMENT FOR ANALYSIS

From:

_____
_____
_____
(Address of the Licensee)

To
The Licensing Authority/
Member Secretary
DLIC, _____ District.

Lr. No._____ Dated_____

Sir/ Madam

Sub: Request for sending the sample(s) to Government approved Lab-Reg.
Ref: Animal Feed Inspector Notice No._____.

<<<>>>

I submit that, the Animal Feed Inspector, _____ location has collected the sample(s) from my/our firm/unit/establishment located at_____ (location of the unit) on _____(Dated) vide reference cited.

In this context, I request the Licensing Authority kindly to consider to issue instructions to Animal Feed Inspector, _____ location to send the sample(s) collected from my/our firm/unit/establishment to Government approved Analytical Laboratory for analysis for my/our reference. The prescribed fee for analysis of samples is remitted and the details are furnished below.
Details of fee remittance:

Place: Signature of the Licensee

Date:

Seal:

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM 11
(See Rule no.7& 20)
SAMPLE ANALYSIS REPORT

Test Report No._____ Date:_____

1. Reference /Code No. of Animal Feed Inspector:_____
2. Samples received from_____(details of Animal Feed Inspector)
3. Date of sample (s) received.....
4. Condition and seal of the sample (s): _____
5. Test results of the sample

Sl. No.	Description the sample	Parameters tested	Result with units	Prescribed /Optimal Range with units	Observations/ Remarks

Date:

Signature of the Lab Analyst

Office Seal

Copy to the Licensing Authority _____ District for information.
Copy to the Animal Feed Inspector ---------- for information

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM 12/T
(See Rule no. 27(4))
YEARLY RETURN

	Stock position (MT)			
Particular	Opening stock	Production/Purchases	Sold/ distribution	Closing stock
Cattle feed				
Calf starter				
TMR /Silage				
Broiler Starter Feed				
Broiler Finisher Feed				
Chick Feed				
Layer Feed				
Mineral mixture				

Pet animal Feed				
Any other				

I hereby confirm that the above-mentioned information is factually correct.
Place: _____
Date (Signature of the Licensee)

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM 13

(See Rule no.23)

RECORD/REPORT OF INQUEST

(To be attached with Inquest Inspection report to be submitted to Licensing Authority by the Animal Feed Inspector under Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021)

Inquest Report No. _____ Dated_____
Name and Address of the Firm or Licensee:
Date, time and place where licensee refused to take sample from the property or facility:
Details of the property or facility for which inquest was done:
Inquest i) Commenced at .....(time) on ..... (date)
ii) Closed at.....(time)on.....(date)
Items, number , weight, batch number, specifications and its Value and complete details of item with evidences found during the inquest
Inquest report of the Designated Committee:
Violations observed by the Committee
Final recommendation of the Committee for initiating further action by the Licensing Authority:

Signatures of the Designated Committee Members

SL. No	Name, Designation and organization	Signature
1		
2		
3		

Enclosures details:

Animal Feed Inspector

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM 14

(See Rule no.23)

INSPECTION REPORT AFTER INQUEST

Ref. No. **Date:**
From,
The Animal Feed Inspector
_____
_____
To,
The Licensing Authority
.....District
APAFA Act, 2020

Sir,
Sub: Animal Husbandry Department — Detailed Inspection Report for inquest conducted - report-Submitted – Reg.
Ref: Inquest Report of the Designated Committee Report No._____
Dt. _____

***

I am to submit that, the Designated Committee has conducted inquest at _____(name and address of the unit/ establishment) located at _____(address) on _____ (Date) .

In this context, the inquest report of the Designated Committee along with its recommendations for taking further action as per the provisions contained under Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021is herewith submitted for favour of kind information and initiating further action as per the recommendations of the Designated Committee.

Place: Signature of the Animal Feed Inspector

Date: Seal

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM NO 15
(See Rule no. 11)
SERVICE REQUEST FORM FOR CERTIFICATION OF FEED MANUFACTURING PLANTS

Application No._____ **Dated_____**

1	Name of the applicant (IN BLOCK LETTERS)		
2	Applicant Address		
i	Village		
ii	Mandal		
iii	District		
iv	Mobile No.		
v	Aadhar No.		
vi	e-mail ID		
3	Name of the feed plant		
i	License / Registration No & Date		
ii	License/ Registration authority		
iii	Village		
iv	Mandal		
v	District		
vi	Phone No.		
vii	e-mail ID		
4	Type of feed produced in the plant with specifications		
	Type of feed with specifications	Composition of the feed	Species for which feed is used
I			
II			
III			
IV			
V			
VI			
VII			

5	Infrastructure facilities available (Machinery, equipment, storage facility, Quality control systems, ETP, Water source, etc.,	
6	Details of in-house lab facilities including instruments, equipment, working facilities, safety standards etc., available for testing the quality of feed produced in the manufacturing plant	
7	Annual production capacity (M Tonnes) for last 3 years	
8	Annual turnover (Rs. In lakhs) for the last 3 years	
9	Standards followed for production of feed	
10	Details of statutory clearance obtained	
11	Other details if any	

Declaration:

I / We _____Son(S)/daughter(s) /wife of _____ residing at _____ hereby declare that the information furnished above is true with best of my/our knowledge and belief. It is also declared that the facility is operated in conformity with the approved standards and protocols. The produce/ product is free from any kind of banned substances

I am/We are fully aware that if it is found that the information furnished by me/us is false or there is any kind of deviation/ violation, the Certification issued under Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021will be Suspended or cancelled without any notice.

Place:
Date:

Signature of the applicant.
Office Seal

Documents to be enclosed:
Product label covers
Laboratory analysis reports
License permits
Report on facilities and infrastructure available
Report on various feeds producing with specifications and brand/make
Detailed report on following the SOPs
Production capacity and production particulars of last 3 years
Annual returns of last 3 years as per audit reports
Other relevant documents

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM NO 16
(See Rule no. 11)

INSPECTION REPORT FOR FEED MANUFACTURING PLANT CERTIFICATION

Ref No._____ **Dated**_____

1	Name of the applicant (IN BLOCK LETTERS)	
2	Applicant Address & Details	
3	Name of the feed plant with location details	
4	Ownership	
5.	License Details	
6.	Year of Establishment	
7.	Types of feed produced	
8.	Infrastructure including Machinery, safety standards, working facilities and other facilities available	
8.	Equipment Available	
9	Details of in-house lab facilities along with instruments, equipment available to test the quality of the feed produced	
9.	Whether the SOPs are displayed and conforming to the conditions of the Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021	
10.	Whether the feed plant is maintaining the HACCP and displaying in the unit	
11.	Whether the requisite documents have submitted and fulfilled the conditions as per the Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021If No, details thereof	
12.	Whether any banned substances/ adulterations found If yes, details thereof	
10.	Whether the feed ingredients are stored properly If No, details thereof	
11.	Whether any infestation/ fungal infection observed in the feed/ feed ingredients/ additives etc. If yes, details thereof	
12.	Whether the Personnel are trained and having knowledge for running the plant	
13	Whether any violation is observed during the inspection. If yes, details thereof	
14.	Whether the prescribed fee has been paid. If any short fall please mention details	

15	Any shortfall noticed during the inspection which can be rectified within stipulated time.	
16	Remarks of the Committee	
17.	Recommendation of the Committee (Recommended/ Not recommended)	

Documents to be enclosed:

1) Report on facilities and infrastructure available
2) Detailed report on following the SOPs
3) Other relevant documents

Signatures of the Accreditation Committee members

S. No.	Name and Designation	Organization	Signature
1			
2			
3			
4			
5			

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM NO 17

(See Rule no. 11)

CERTIFICATION FOR FEED MANUFACTURING PLANT

No. **Date:**

Sub:-Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021- Inspection of Feed Plant by Accreditation Committee - issue of **Certification for Feed Manufacturing Plant- regarding.**

Ref:- Inspection report of Accreditation Committee vide Ref. No._____dated_____

The Feed Manufacturing Plant Unit located at the following address has been inspected by the Accreditation Committee for the purpose and recommended for accreditation of the unit. Hence, the Certification to the Feed manufacturing Plant Unit is hereby approved and sanctioned under the provisions of the Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021 as detailed below.

1. Name of the Fed manufacturing Plant unit :
2. Survey No. Of the land in which the unit located:
3. Address :
4. Type of feed permitted to produce :
5. Validity Period: From_____ To _____

This certificate is issued subject to the following conditions:-

1) The standards and protocols of the Feed Manufacturing Plant shall confirm to the standards as per the provisions of the Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021
2) The Feed Manufacturing Plant shall be open to the inspection as per the provisions under Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021at all times and for sample collection/ quality checks .

3) Any violations found will make certification of the unit issued will be suspended / cancelled.

4) Animal Feed Inspector/ Accreditation Committee will inspect the facilities periodically and checks the standards and SOPs following in the Feed Manufacturing Plant and also take the samples and owner/ operator should allow Animal Feed Inspector/ Accreditation Committee to discharge duties as per the provisions contains under Authority

Signature of the Licensing Authority
Seal

Sri----------Address

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM NO 18
(See Rule no. 11)

SERVICE REQUEST FORM FOR CERTIFICATION OF FEED PRODUCED FROM CERTIFIED FEED MANUFACTURING PLANTS

Application No._____ **Dated_____**
License / Endorsement No.---------- **Dated----------**
Certification of the unit Reference No. --------- **Dated----------**

1	Name of the applicant (IN BLOCK LETTERS)		
2	Applicant Address		
i	Village		
ii	Mandal		
iii	District		
iv	Mobile No.		
v	Aadhar No.		
vi	e-mail ID		
3	Name of the feed plant		
i	License No & Date		
Ii	Production Capacity (tons/day)		
iii	Village		
iv	Mandal		
v	District		
vi	Phone No.		
vii	e-mail ID		
4	Type of feed with specification for which applied for certification		
	Type of feed with specifications	Composition of the feed and species for which	Species for which feed is used
I			
II			
III			
IV			
V			
VI			
5	Infrastructure facilities available (Mechinery, equipment, storage facility, Quality control systems, ETP, Water source, etc.,		

6	Details of in-house lab facilities including instruments, equipment available for testing the quality of feed produced in the feed manufacturing plant	
7	Annual production capacity (M Tonnes) for last 3 years	
8	Annual turnover (Rs. In lakhs) for the last 3 years	
9	Standards following for production of feed	
10	Details of statutory clearance obtained	
11	Other details if any	

Declaration:

I/we_____ Son(S)/daughter(s) /wife of_____ residing at _____ hereby declare that the information given above is true and the produce/ product/s is/are in conformity with the approved composition/ standards/ specifications required for approved animal feed/mineral mixture. The produce/ product is free from any kind of banned substances.

I am/We are fully aware that if it is found that the information furnished by me/us is false or there is any kind of deviation/ violation, the Certification issued under Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021will be Suspended or cancelled without any notice.

Place:
Date:.

Signature of the applicant.
Office Seal

Documents to be enclosed:

1) Product label covers
2) Laboratory analysis reports
3) License permits
4) Report on various feeds producing with specifications and brand/make
5) Detailed report on following the SOPs
6) Production capacity and production particulars of last 3 years
7) Other relevant documents

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM NO 19
(See Rule no. 11)
INSPECTION REPORT FOR FEED CERTIFICATION

Ref No._____ **Dated_____**

License / Endorsement No.---------- **Dated----------**

Certification of the unit Reference No. ---------Dated----------

1	Name of the applicant (IN BLOCK LETTERS)	
2	Applicant Address & Details	
3	Animal Feed Business Name, Address & Contact Details	
4	Ownership	
6.	Year of Establishment	
7.	Certification applied for types of feed	
8	Details of infrastructure available at Feed Plant, including machinery, equipment, facilities, safety standards, working facilities etc.,	
9	Details of in-house lab facilities available including instruments, equipment for testing the quality of feed produced in the Feed plant	
10	Whether any banned substances/ adulterations found If yes, details thereof	
11	Whether the feed ingredients are stored properly If No, details thereof	
12.	Whether any infestation/ fungal infection observed in the feed/ feed ingredients/ additives etc. If yes, details thereof	
13.	Whether the feed analysis report obtained from the notified laboratory conforming to the label prescription and proximate composition details	
14	Whether the feeds applied for certifications are complying with the standards prescribed under Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021 (Pl. furnish a separate report for each variety of feed)	
15	Whether any violation is observed during the inspection. If yes, details thereof	
16.	Whether the prescribed fee has been paid. If any short fall please mention details	
17	Any shortfall noticed during the inspection which can be rectified within stipulated time.	
18	Remarks of the Committee	
19.	Recommendation of the Committee (Recommended/ Not recommended)	

Documents to be enclosed:

1) **Laboratory analysis reports**
2) **Detailed report on complying of standards of various feeds applied for certification**
3) **Other relevant documents**

Signatures of the Accreditation Committee members

S. No.	Name and Designation	Organization	Signature
1			
2			
3			
4			
5			

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM NO 20
(See Rule no. 11)

CERTIFICATION FOR FEED PRODUCED FROM CERTIFIED FEED MANUFACTURING PLANT

Feed certification No. **Date:**
Feed plant certification No. **Date:**

Sub:- Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021- Inspection of Feed produced from the Feed manufacturing plant by Technical agency - issue of **Certification of Feed** produced from the Feed manufacturing plant **– regarding.**

Ref:- Inspection report of Accreditation Committee vide Ref. No._____dated_____

<<<<>>>>

The Feed Manufacturing Plant Unit located at the following address has been inspected by the Accreditation Committee for the purpose and recommended for certification of feeds produced from the unit vide reference cited. Hence, the Certification of the following feeds produced by the certified feed manufacturing unit is hereby issued

1. Name of the Fed manufacturing Plant unit :
2. Sy. No. Of the land in which the unit located :
3. Address:
4. Validity period ; From _____ To _____

Sl. No	Description of the feed	Specification of the feed with species for which feed is used	Brand/ Make/ Code No	Standards followed

This feed certification and also subject to the following conditions:-

1. The standards and specifications of Feed Plant and production of various Animal feeds shall confirm to the standards as per the provisions of the Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021
2. The Feed manufacturing Plant shall be open to the inspection as per the provisions under Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021at all times and for sample collection/ quality checks .
3. Any violations found will make accreditation and certification issued will be suspended / cancelled.

Signature of the Licensing Authority
Seal

To
Sri----------
Name of the Feed Plant Address

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM 21
(See Rule no.23)

NOTICE TO THE LICENSEE FOR SEIZURE AND FORFEITURE OF THE PROPERTY

Notice No. Date:

From
The Animal Feed Inspector
_____ Location
_____ District

To
Shri/ Smt./Kum_____
_____
_____
_____
(Address of the licensee)

Sub: Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021- Seizure and Forfeiture of the Property – Issue of Notice – regarding
Ref: Licensing Authority, _____ District Lr. No._____

<<<>>>

Notice is hereby issued to inform you that the following offense have been committed by your firm/unit/ establishment in violation of provision prescribed under Rule No.23 of Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021.

A. Nature of Offence/s committed by you / your firm

1. Doing Animal Feed Business without license
2. The License was obtained by concealment or misrepresentation as to an essential fact/s;
3. Preventing Animal Feed Inspector from exercising his/her powers (3rd time)
4. Physical attack on Animal Feed Inspector or any other staff while performing his/her duty
5. Sub-standard Animal Feed product proved by lab report by lab report for the 1st time during the license period
6. Sub-standard Animal Feed product proved by lab report for the 2nd time during the license period
7. Sub-standard Animal Feed product proved by lab report for the 3rd time during the license period
8. If licensee carryout any animal feed business operations other than for which license is obtained
(Note: strike off whichever is not applicable)

B. Place of offense committed:
C. Date on which the sample collected from your Firm:
D. Date on which result of sample published:
E. Result of sample result:

As a consequence of the offense committed by you / your firm, the seizure and forfeiture of your property is initiated against you / your firm as mentioned below.

1. Destruction of animal feed products in the firm

2. Seizure, auction and sale of the animal feed products and appropriating the sale proceeds into the account of Director of Animal Husbandry.
3. Lock the premises of the Plant / shop / Storage point / lab / service centre/ any other animal feed business operation.
4. Others (Specify)_____
(Note: strike off whichever is not applicable)

Basing on the above observations and grounds and in exercise of the powers conferred under Rule No.23 of Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021the seizure and the forfeiture of the property as mentioned above is hereby implemented in the presence of the Designated Committee Members appointed for the purpose.

Place: Signature of the Animal Feed Inspector
Date Seal

Name and designation of the Designated Committee Members attended

Sl. No	Name, Designation and Organisation of the Designated Committee Members	Signature
1		
2		
3		
4		
5		

Copy to the _____ Licensing Authority, _____ District for favour of kind information

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

Form-22
(See Rule no.24)

SHOW-CAUSE NOTICE FOR SUSPENSION / CANCELLATION OF LICENSE

Notice No._____Date .....

Sub:-Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021- Show Cause Notice Issued under Rule No.24of Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021

Ref:- 1. Notified/ Referral Laboratory Report No. ___ Dated_____
2.Inspection report No_____ Dated _____ of Animal Feed Inspector,
_____ (station) along with Inquest report of the Designated Committee Dated_____

<<<>>>

As per the laboratory report (vide reference 1st cited), it was found that the samples Code Nos..... collected from you / your firm / company on ....., are not complying with the prescribed standards.

(Or)

It is brought to the notice of undersigned that, as per the inspection report received vide reference cited pertains to your firm/unit/ establishment, along with inquest report , the following violations of provisions under the APAF Act and Rules are reported .

(1)

(2)

Hence, as per the provisions contained in the rule No. 24 of the Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021, you are informed to furnish your explanation on the above violations along with supporting documents/ evidences within 15 days from the date of receipt of this notice, as why an order should not be passed by the undersigned for issuing order for suspension/ cancellation/ imposing penalty/ order for prosecutions against your firm/ unit/ establishment..

Further, you are informed that failure to show cause and submit your explanation in writing within the period mentioned above, will be construed that you have no explain to offer for the above violations and action deemed fit will be taken as per the provisions of the Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021without any further intimation/notice to you in this matter.

You are requested acknowledge the receipt of this show cause notice.

Signature of the Licensing Authority
Seal

To,
The Licensee
_____

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM 23
(See Rule no 24)
REQUEST FOR REVOCATION OF LICENSE SUSPENDED BY THE LICENSING AUTHORITY

No._____ Date ……..

From
(Name and address of the licensee)
_____
_____
To
The Licensing Authority/
……District

Sir/ Madam

Sub:-Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021- Submission of Rectification compliance for revocation of license – requested – regarding
Ref:-1. Licensing Authority reference No. ---------- dated -----

<<<>>>

I am to state that the licensing authority vide reference cited, have suspended my license No. ----------dated --------- Issued for operating my Animal Feed Business Operation for violation under the Andhra Pradesh Animal Feed (Regulation Of

Manufacture, Quality Control, Sale And Distribution) Rules 2021. The violations established by the Licensing authority have been rectified by me as detailed below:-
Rectifications complied

(1)
(2)
(3)

The supporting documents are enclosed. I request the Licensing Authority to examine the same and consider to revoke the suspension of my license so as to resume the farm/business operations at the earliest.

Enclosures:

Signature of the Licensee

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM – 24
(See Rule no.24)

SUSPENSION / CANCELLATION OF LICENSE

Ref. No._____ Date: ……..

Sub:-Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021- Suspense/ Cancellation of license under Rule No.24 of Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021-Regarding.

Ref:-1. Inspection report No_____ Dated _____ of Animal Feed Inspector, _____ (station)
2 Licensing Authority Show cause Notice No. --------dated ---------
3 Your Reply dated ----------

<<<>>>

Your reply dated ------- in response to the to the show cause notice has been examined with reference to the supporting documents furnished by you. Since Authority has not satisfied with the reply and established the violations as stated in the Show cause notice, the license issued to your Animal Feed Business operation vide License No.--------- dated ---------- is hereby cancelled / suspended .

The Licensee is at liberty to rectify the defects which led to the suspension of license and furnish his compliance so that the licensing authority shall examine and consider to revoke the suspension after satisfying with compliance .

Signature of the Licensing Authority
Seal

To,
The Licensee
_____
_____
_____

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM – 25
(See Rule no.25)

APPEAL TO THE APPELLATE AUTHORITY ON THE ORDER PASSED BY THE LICENSING AUTHORITY

From:

_____
_____
_____
_____
(Name and address of the Appellant with contact number)

To,
The Appellant Authority
AP Animal Feed Act
Vijayawada

Sir/Madam,

I/We, respectfully state that, the Licensing Authority,_____ District has rejected for granting the License/ endorsement on license/ registration certificate / Issued orders for suspension / cancellation of License/ Registration / forfeiture / seizure of property of our unit_____(Details of the Unit) located at _____(V)_____ (M)_____ District by stating the following grounds vide his Lr. No._____ (Ref. No. of Licensing Authority)

1)_____
2)_____

Aggrieved by the aforesaid grounds of the Licensing Authority, I/ we hereby appeal to your kind self to examine the my/our explanation along with supporting documents enclosed herewith and consider to issue orders to Licensing Authority to grant license/ endorse on License/ Registration certificate/ revoke suspension / cancellation of License/ Registration / revoke forfeiture / seizure of property imposed by the licensing authority.

Encl: Detailed explanation along with supporting documents

Place:
Date :

Signature of Appellant
Seal

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM – 26
(See Rule no.25)

NOTICE TO THE APPELLANT BY THE APPELLATE AUTHORITY TO APPEAR IN PERSON

From
The Animal Feed Control Authority
/Appellant Authority
APAF Act 2020
Vijayawada-521137

To

Shri/ Smt./Kum_____
_____
_____
_____
(Address of the Appellant)

Sir/ Madam

Sub: Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021 - Intimation to appear for Hearing- Regarding.
Ref: Your appeal No. _____ date_____

<<<>>>

In response to your appeal filed before the Appellate Authority vide reference cited, you are hereby informed to appear personally/ through authorized representative and supporting documentary evidences on _____(Date) at _____(Time) at _____ (Venue) for presenting your views/ grounds to support your plea without fail.

In case of your failure to attend before the Appellate Authority as per the above schedule either personally/ through authorized representative, it is considered that, you have no material to defend your plea and the appeal will be disposed basing on the available documents and information.

Place: Appellate Authority
Date: Seal

Copy to the Licensing Authority_____ District for information and to attend the hearing as per the schedule with concerned officers along with relevant documents and records to present before the Appellate Authority

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM – 27
(See Rule no.25)

DISPOSAL OF APPEAL BY APPELLANT AUTHORITY

Order No. Dated_____

From
The Animal Feed Control Authority/
Appellant Authority
APAFACT, Vijayawada.

To
Shri/ Smt./Kum_____
_____
_____
_____

Sub: Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021 - Disposal of appeal- Orders-issued- Regarding.

Ref: 1. Licensing Authority, _____ District Lr. No._____
2. Appellant Lr. No. _____

<<<>>>

ORDER:

In the reference 2nd cited, Sri/ Smt/Kum_____ of _____ (V)_____ (M) _____ District filed an appeal aggrieved by the orders of the Licensing Authority_____ District for not granting the License/ Endorse the License/ Registration Certificate/ issued order for suspension/ cancellation of the License/ Registration / forfeiture / seizure of property imposed by the Licensing Authority vide reference 1st cited.

In this regard, the views/ grounds of the Appellant along with his/ her supporting documents are examined and the following are points were observed basing on available documents

1)_____
2)_____
3)_____
4)_____
5)_____

Basing on the above observations and grounds and in exercise of the powers conferred under Rule No._____ Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021, the following orders have been issued.

Order of the Appellate Authority:

1) The Licensing Authority, _____ District is hereby informed to grant the license/ endorse on license/ Registration certificate / revoke forfeiture / revoke seizure of property
2) Revoke the suspension/ cancelation of the license/ Endorsement/ forfeiture / seizure of property
3) Appeal is rejected and the orders of the Licensing Authority are upheld.
4) Others:

The above orders shall be implemented within 15 days from the date of receipt of this orders.

Place:
Date

Signature of the Appellate Authority
Office Seal

Copy to the Licensing Authority,_____ District

for necessary action

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM- 28

(See Rule no.8).

APPLICATION FOR LICENSE TO IMPORT ANIMAL FEED

I/We _____hereby apply for a license to import animal feeds specified below manufacture by-------- of--------
Name of **the animal** feed:
I/We ----------undertake to comply with the conditions applicable to the license
A Fee of Rs.---------- has been credited to Government under the Head of Account---------- under the ----------of----------vide treasury receipt enclosed.

Date

Manufacturers agent:

ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

FORM-29

(See Rule no.8)

LICENSE TO IMPORT ANIMAL FEED SPECIFIED UNDER THE ANDHRA PRADESH ANIMAL FEED (REGULATION OF MANUFACTURE, QUALITY CONTROL, SALE AND DISTRIBUTION) RULES 2021

Number of Licence:

_____is/are hereby licensed to import into India during the period for which this license is in force the animal feed specified below manufactured by----------of----------and any other animal feed manufacture by---------- as may from time to time be endorsed on this license

This is subject to the conditions prescribed in the Andhra Pradesh Animal Feed (Regulation Of Manufacture, Quality Control, Sale And Distribution) Rules 2021 and shall be in force from----------to---------- unless it is sooner suspended or cancelled under the said Rules. Name of the animal feed and class of the animal feed to which the licence applies

The licensee shall inform licensing authority in writing in the event of any change in the constitution of the firm operating under the license. Where any change in the constitution of the firm takes place, the current license shall be deemed to be valid for a maximum period of three months from the date on which the changes takes place unless in the meantime a fresh license has been taken from the licensing authority in the name of the firm with the changed constitution.

Date: Licensing authority

ANNEXURE-II

SPECIFICATIONS FOR VARIOUS FEEDS, FODDERS AND SILAGES

	1. Specifications for Silage	
S.No	**Parameter**	**Quality**
	Physical	
1	Odour	Acidic
2	Sliminess	Absent
3	Colour	Yellowish green to brownish
4	Shelf life	Minimum of 1 (ONE) Year
	Chemical	
5	Butyric acid	Traces (Less than 0.2%)
6	Lactic acid	Minimum 2% (3-13% of Dry matter)
7	PH	3.4 - 4.2
8	Moulds	Nil
9	Ammonical nitrogen% (of total N)	<10
	Nutritional	
10	CP	>7%
11	Dry Matter %	>30%
12	Texture	Firm texture with softer material not easily rubbed from fiber
13	Density	750 Kg to 900 Kg / mt3

2.Specifications for TMR (on DM basis)

Particulars	TMR 1 (low yielders upto 7.5 litres - FCM)	TMR 2 (Medium yielders - 7.5-15.0 litres FCM)	TMR 3 (high yielders- 15-25 litres FCM)
CP	8-9	10-11	12-14
TDN	45-50	50-55	51-57
Ca	0.30-0.35	0.40-0.42	0.45-0.50
P	0.15-0.18	0.20-0.21	0.22-0.25

3. Specifications for Urea Molasses Block as ruminant feed supplement

Indian Standard (IS 13451: 1992)

Sr. No	Characteritic	Requirement	Method of Test(Ref to)
1	Moisture, percent by mass (Max.)	3.5	Cl.No.4 of IS 7874, part 1:1975
2	Crude protein (N x 6.25), percent by mass (Min.)	52.0	Cl.No.5 of IS 7874, part 1:1975
3	Crude fibre, percent by mass (Max.)	2.0	Cl.No.8 of IS 7874, part 1:1975
4	Total ash, percent by mass (Max.)	34.0	Annex C of IS 5470:2002
5	Acid insoluble ash, percent by mass (Max.)	3.0	Cl.No.10 of IS 7874,part 1:1975
6	Calcium (as Ca), percent by mass (Min.)	4.0	IS 15121 or IS 13433 (Part 1) or IS 13574
7	Phosphorus (as P), percent by mass (Min.)	1.5	IS 14828 or IS 7874 (part II) 1975
8	Sulphur, percent by mass (Min.)	1.0	Annex B of IS 1664:2002
9	Urea percent by mass (Max.)	15.0	IS14832:2000
10	Urea nitrogen		IS:7874(Part 1) General Methods

Note: The values specified for characteristics 2 to 9 are on moisture-free basis.

4. Specifications for Pig Feeds

BIS specifications

S. No	Nutrient	Pig starter or Creep feed	Pig growth meal	Pig finishing or breeding meal
1	Moisture content (Max %)	11.0	11.0	11.0
2	Crude protein (Min %)	20.0	18.0	16.0
3	Crude fat or ether extract (Min %)	2.0	2.0	2.0
4	Crude fibre (Max %)	5.0	6.0	8.0
5	Total ash (Max %)	8.0	8.0	8.0
6	Acid insoluble ash (Max %)	4.0	4.0	4.0
7	Metabolizable energy (Kcal/kg), Min.	3 360	3170	3170

5.Specifications for Dog Foods					
AAFCO Dog Food Nutrient Profiles based on dry matter* 2014					
S. No.	**Nutrients**	**Units DM Basis**	**Growth & Reproduction Minimum**	**Adult Maintenance Minimum(b)**	**Max**
1	Crude Protein	%	22.5	18.0	
2	Arginine	%	1.0	0.51	
3	Histidine	%	0.44	0.19	
4	Isoleucine	%	0.71	0.38	
5	Leucine	%	1.29	0.68	
6	Lysine	%	0.90	0.63	
7	Methionine	%	0.35	0.33	
8	Methionine-cystine	%	0.70	0.65	
9	Phenylalanine	%	0.83	0.45	
10	Phenylalanine-Tyrosine	%	1.30	0.74	
11	Threonine	%	1.04	0.48	
12	Trytophan	%	0.20	0.16	
13	Valine	%	0.68	0.49	
14	Crude Fat ©	%	8.5	5.5	
15	Linoleic acid	%	1.3	1.1	
16	alpha-Linolenic acid	%	0.08	ND(d)	
17	Eicosapentaenoic + Docosahexaenoic acid	%	0.05	ND(d)	
18	(Linoleic + Arachidonic):(alpha-Linolenic + Eicosapentaenoic + Docosahexaenoic)acid Ratio				30:1
19	Minerals				
20	Calcium	%	1.2	0.5	1.8
21	Phosphorus	%	1.0	0.4	1.6
22	Ca:P ratio		1:1	1:1	2:1
23	Potassium	%	0.6	0.6	
24	Sodium	%	0.3	0.08	
25	Chloride	%	0.45	0.12	
26	Magnesium	%	0.06	0.06	
27	Iron (e)	mg/kg	88	40	
28	Copper (f)	mg/kg	12.4	7.3	
29	Manganese	mg/kg	7.2	5.0	
30	Zinc	mg/kg	100	80	
31	Iodine	mg/kg	1.0	1.0	11
32	Selenium	mg/kg	0.35	0.35	2
33	Vitamins & Other				
34	Vitamin A	IU/kg	5000	5000	250000
35	Vitamin D	IU/kg	500	500	3000
36	Vitamin E (g)	IU/kg	50	50	
37	Thiamine (h)	mg/kg	2.25	2.25	
38	Riboflavin	mg/kg	5.2	5.2	
39	Pantothenic acid	mg/kg	12	12	
40	Niacin	mg/kg	13.6	13.6	
41	Pyridoxine	mg/kg	1.5	1.5	
42	Folic acid	mg/kg	0.216	0.216	
43	Vitamin B12	mg/kg	0.028	0.028	
44	Choline	mg/kg	1360	1360	
A	Presumes a caloric density of 4000 kcal ME/kg, as determined in accordance with Model Regulation PF9. Formulations greater than 4000 kcal ME/kg must be corrected for energy density; formulations less than 4000 kcal ME/kg need not be corrected for energy. Formulations of low-energy density should not be considered				

	adequate for reproductive needs based on comparison to the Profiles alone.
B	Recommended concentrations for maintenance of body weight at an average caloric intake for dogs of a given optimum weight.
C	Although a true requirement for crude fat per se has not been established, the minimum concentration was based on recognition of crude fat as a source of essential fatty acids, as a carrier of fat-soluble vitamins, to enhance palatability, and to supply an adequate caloric density.
D	ND – Not Determined. While a minimum requirement has not been determined, sufficient amounts of omega-3 fatty acids are necessary to meet the maximum omega-6: omega-3 fatty acid ratio.
E	Average apparent digestibility for iron associated with recommended minimums is 20% of that consumed. Because of very poor apparent digestibility, iron from carbonate or oxide sources that are added to the diet should not be considered in determining the minimum nutrient concentration for iron.
F	Because of very poor apparent digestibility, copper from oxide sources that are added to the diet should not be considered in determining the minimum nutrient concentration for copper.
G	It is recommended that the ratio of IU of vitamin E to grams of poly unsaturated fatty acids (PUFA) be > 0.6:1. A diet containing 50 IU of vitamin E will have a ratio of > 0.6:1 when the PUFA content is 83 grams or less. Diets containing more than 83 grams of PUFA should contain an additional 0.6 IU of vitamin E for every gram of PUFA.
H	Because processing may destroy up to 90% of the thiamine in the diet, allowances in formulation should be made to ensure the minimum nutrient concentration for thiamine is met after processing.

6.Specifications for Dog Foods

AAFCO Dog Food Nutrient Profiles based on Calories content 2014*

S. No.	Nutrients	Units per 1000 Kcal ME	Growth & Reproduction Minimum	Adult Maintenance Minimum(a)	Max
1	Crude Protein	g	56.3	45.0	
2	Arginine	g	2.50	1.28	
3	Histidine	g	1.10	0.48	
4	Isoleucine	g	1.78	0.95	
5	Leucine	g	3.23	1.70	
6	Lysine	g	2.25	1.58	
7	Methionine	g	0.88	0.83	
8	Methionine-cystine	g	1.75	1.63	
9	Phenylalanine	g	2.08	1.13	
10	Phenylalanine-tyrosine	g	3.25	1.85	
11	Threonine	g	2.60	1.20	
12	Tryptophan	g	0.50	0.40	
13	Valine	g	1.70	1.23	
14	Crude Fat (b)	g	21.3	13.8	
15	Linoleic acid	g	3.3	2.8	
16	alpha-Linolenic	g	0.2	ND(c)	
17	Eicosapentaenoic + Docosahexaenoic acid	g	0.1	ND(c)	
18	(Linoleic+Arachidonic): (alphanolenic+Eicosapentaenoic+ Docosahexaenoic) acid Ratio				30:1
19	Calcium	g	3.0	1.25	4.5
20	Phosphorus	g	2.5	1.00	4.0
21	Ca:P Ratio		1:1	1:1	2:1
22	Potassium	g	1.5	1.5	
23	Sodium	g	0.80	0.20	
24	Chloride	g	1.10	0.30	

25	Magnesium	g	0.10	0.15	
26	Iron (d)	mg	22	10	
27	Copper (e)	mg	3.1	1.83	
28	Manganese	mg	1.8	1.25	
29	Zinc	mg	25	20	
30	Iodine	mg	0.25	0.25	
31	Selenium	mg	0.09	0.08	
32	Vitamin A	IU	1250	1250	62500
33	Vitamin D	IU	125	125	750
34	Vitamin E (f)	IU	12.5	12.5	
35	Thiamine (g)	mg	0.56	0.56	
36	Riboflavin	mg	1.3	1.3	
37	Pantothenic acid	mg	3.0	3.0	
38	Niacin	mg	3.4	3.4	
39	Pyridoxine	mg	0.38	0.38	
40	Folic acid	mg	0.054	0.054	
41	Vitamin B12	mg	0.007	0.007	
42	Choline	mg	340	340	

Recommended concentrations for maintenance of body weight at an average caloric intake for dogs of a given optimum weight.

Although a true requirement for crude fat per se has not been established, the minimum concentration was based on recognition of crude fat as a source of essential fatty acids, as a carrier of fat-soluble vitamins, to enhance palatability, and to supply an adequate caloric density.

ND – Not Determined. While a minimum requirement has not been determined, sufficient amounts of omega-3 fatty acids are necessary to meet the maximum omega-6: omega-3 fatty acid ratio.

Average apparent digestibility for iron associated with recommended minimums is 20% of that consumed. Because of very poor apparent digestibility, iron from carbonate or oxide sources that are added to the diet should not be considered in determining the minimum nutrient concentration for iron.

Because of very poor apparent digestibility, copper from oxide sources that are added to the diet should not be considered in determining the minimum nutrient concentration for copper.

It is recommended that the ratio of IU of vitamin E to grams of polyunsaturated fatty acids (PUFA) be > 0.6:1. A diet containing 50 IU of vitamin E will have a ratio of > 0.6:1 when the PUFA content is 83 grams or less. Diets containing more than 83 grams of PUFA should contain an additional 0.6 IU of vitamin E for every gram of PUFA.

Because processing may destroy up to 90% of the thiamine in the diet, allowances in formulation should be made to ensure the minimum nutrient concentration for thiamine is met after processing.

7. Specifications for Cat Foods

AAFCO Cat Food Nutrient Profiles based on dry matter* 2014

S. No.	Nutrients	Units DM Basis	Growth & Reproduction Minimum	Adult Maintenance Minimum (b)	Maximum
1	Crude Protein	%	30.0	26.0	
2	Arginine	%	1.24	1.04	
3	Histidine	%	0.33	0.31	
4	Isoleucine	%	0.56	0.52	
5	Leucine	%	1.28	1.24	
6	Lysine	%	1.20	0.83	
7	Methionine	%	0.62	0. 20	
8	Methionine-cystine	%	1.10	0.40	
9	Phenylalanine	%	0.52	0.42	
10	Phenylalanine-Tyrosine	%	1.92	1.53	

11	Threonine	%	0.73	0.73	
12	Tryptophan	%	0.25	0.16	1.7
13	Valine	%	0.64	0.62	
14	Crude Fat (c)	%	9.0	9.0	
15	Linoleic acid	%	0.6	0.6	
16	alpha-Linolenic acid	%	0.02	ND(d)	
17	Arachidonic acid	%	0.02	0.02	
18	Eicosapentaenoic + Docosahexaenoic Acid	%	0.012	ND(d)	
19	Calcium	%	1.0	0.6	
20	Phosphorus	%	0.8	0.5	
21	Potassium	%	0.6	0.6	
22	Sodium	%	0.2	0.2	
23	Chloride	%	0.3	0.3	
24	Magnesium (e)	%	0.08	0.04	
25	Iron (f)	mg/kg	80	80	
26	Copper (extruded) (g)	mg/kg	15	5	
27	Copper (canned) (g)	mg/kg	8.4	5	
28	Manganese	mg/kg	7.6	7.6	
29	Zinc	mg/kg	75	75	
30	Iodine	mg/kg	1.8	0.6	9.0
31	Selenium	mg/kg	0.3	0.3	
32	Vitamin A	IU/kg	6668	3332	333300
33	Vitamin D	IU/kg	280	280	30080
34	Vitamin E (h)	IU/kg	40	40	
35	Vitamin K (i)	mg/kg	0.1	0.1	
36	Thiamine (j)	mg/kg	5.6	5.6	
37	Riboflavin	mg/kg	4.0	4.0	
38	Pantothenic acid	mg/kg	5.75	5.75	
39	Niacin	mg/kg	60	60	
40	Pyridoxine	mg/kg	4.0	4.0	
41	Folic acid	mg/kg	0.8	0.8	
42	Biotin (k)	mg/kg	0.07	0.07	
43	Vitamin B12	mg/kg	0.020	0.020	
44	Choline	mg/kg	2400	2400	
45	Taurine (extruded)	%	0.10	0.10	
46	Taurine (canned)	%	0.20	0.20	

Presumes an energy density of 4000 kcal ME/kg as determined in accordance with Regulation PF9. Formulations greater than 4000 kcal ME/kg must be corrected for energy density; formulations less than 4000 kcal ME/kg need not be corrected for energy. Formulations of low-energy density should not be considered adequate for growth or reproductive needs based on comparison to the Profiles alone.

Recommended concentrations for maintenance of body weight at an average caloric intake for cats of a given optimal weight.

Although a true requirement for crude fat per se has not been established, the minimum concentration was based on recognition of crude fat as a source of essential fatty acids, as a carrier of fat-soluble vitamins, to enhance palatability, and to supply an adequate caloric density.

ND – Not Determined.

If the mean urine pH of cats fed ad libitum is not below 6.4, the risk of struviteurolithiasis increases as the magnesium content of the diet increases.

Because of very poor bioavailability, iron from carbonate or oxide sources that are added to the diet should not be considered in determining the minimum nutrient concentration.

Because of very poor bioavailability, copper from oxide sources that are added to the diet should not be considered in determining the minimum nutrient concentration.

Add 10 IU Vitamin E above the minimum concentration for each gram of Animal oil per kilogram of diet.

Vitamin K does not need to be added unless the diet contains more than 25% Animal on a dry matter basis.
Because processing and specific ingredients may destroy up to 90% of the thiamine in the diet, allowances in formulation should be made to ensure the minimum nutrient concentration is met after processing.
Biotin does not need to be added unless the diet contains antimicrobial or anti-vitamin compounds.

	8.Specifications for Cat Foods				
	AAFCO Cat Food Nutrient Profiles based on Calorie content* 2014				
S.No	**Nutrients**	**Units per 1000 kcal ME**	**Growth & Reproduction Minimum**	**Adult Maintenance Minimum (a)**	**Maximum**
1	Crude Protein	g	75	65	
2	Arginine	g	3.10	2.60	
3	Histidine	g	0.83	0.78	
4	Isoleucine	g	1.40	1.30	
5	Leucine	g	3.20	3.10	
6	Lysine	g	3.00	2.08	
7	Methionine	g	1.55	0.5	3.75
8	Methionine-cystine	g	2.75	1.00	
9	Phenylalanine	g	1.30	1.05	
10	Phenylalanine-Tyrosine	g	4.80	3.83	
11	Threonine	g	1.83	1.83	
12	Tryptophan	g	0.63	0.40	4.25
13	Valine	g	1.55	1.55	
14	Crude Fat (b)	g	22.5	22.5	
15	Linoleic acid	g	1.40	1.40	
16	alpha-Linolenic acid	g	0.05	ND(c)	
17	Arachidonic acid	g	0.05	0.05	
18	Eicosapentaenoic + Docosahexaenoic acid	g	0.03	ND(c)	
19	Calcium	g	2.5	1.5	
20	Phosphorus	g	2.0	1.25	
21	Potassium	g	1.5	1.5	
22	Sodium	g	0.5	0.5	
23	Chloride	g	0.75	0.75	
24	Magnesium (d)	g	0.20	0.10	
25	Iron (e)	mg	20.0	20.0	
26	Copper(extruded) (f)	mg	3.75	1.25	
27	Copper(canned)(f)	mg	2.10	1.25	
28	Manganese	mg	1.90	1.90	
29	Zinc	mg	18.8	18.8	
30	Iodine	mg	0.45	0.15	2.25
31	Selenium	mg	0.075	0.075	
32	Vitamin A	IU	1667	833	83325
33	Vitamin D	IU	70	70	7520
34	Vitamin E (g)	IU	10	10	
35	Vitamin K (h)	mg	0.025	0.025	
36	Thiamine (i)	mg	1.40	1.40	
37	Riboflavin	mg	1.00	1.00	
38	Pantothenic acid	mg	1.44	1.44	
39	Niacin	mg	15	15	
40	Pyridoxine	mg	1.0	1.0	

41	Folic acid	mg	0.20	0.20	
42	Biotin (j)	mg	0.018	0.018	
43	Vitamin B12	mg	0.005	0.005	
44	Choline	mg	600	600	
45	Taurine (extruded)	g	0.25	0.25	
46	Taurine (canned)	g	0.50	0.50	

9.Specifications for Compounded feeds for cattle
IS 2052:2009
(Fourth Revision)

Sr. No.	Characteristic	Type I	Type II	Method of Test. Ref. to Clause No.IS7874 (part I)
1	Moisture, percent by mass (Max.)	11	11	Clause No4. IS 7874 (part I)4
2	Crude protein (N x 6.25), percent by mass (Min.)	22	20	Clause No.5 IS 7874 (part I) /Approved AOAC method
3	Crude fat, percent by mass (Min.)	4.0	2.5	Clause No7. IS 7874 (part I) /Approved AOAC method
4	Crude fibre, percent by mass (Max.)	10	12	Clause No.8 IS 7874 (part I) /Approved AOAC method
5	Acid insoluble ash, percent by mass (Max.)	3.0	4.0	Clause No.10 IS 7874 (part1)
6	Salt (as NaCl), percent by mass (Max.)	1.5	1.5	Clause 4 of IS 7874 (Part 2)
7	Calcium(as Ca), percent by mass (Min.)	0.8	0.8	IS 13433 (Part 1/ Part 2)/ Cl.No.5 IS 7874(Part II)1975
8	Total phosphorus, percent by mass (Min.)	0.5	0.5	Clause 6 of IS 7874 (Part 2) Or IS 14828:2000
9	Available phosphorus, percent by mass (Min.)	0.25	0.25	Annex C of IS 1374
10	Urea, percent by mass (Max.)	1.0	1.0	IS14832:2000
11	Urea Nitrogen			IS:7874(Part 1) General Methods
12	Vitamin A, IU/kg (Min.)	7000	7000	HPLC /other relevant method
13	Vitamin D3 IU/kg (Min.)	1200	1200	HPLC /other relevant method
14	Vitamin E, IU/kg (Min.)	30	30	HPLC /other relevant method
15	*Aflatoxin B1 (ppb) (Max.)	20	20	AOAC Approved methods/ELISA

Note: The values for requirements at Sr.No. 2 to 14 are on moisture-free basis. Revised BIS or AOAC methods from time to time shall be the adopted

9.1 REQUIREMENTS FOR BYPASS PROTEIN FEED FOR CATTLE

Sr.No	Characteristic	Requirement	Method of Test
1.	Moisture, percent by mass (Max.)	11	4 of IS 7874 (Part 1)

2.	Crude protein (N x 6.25), percent by mass	30	5 of IS 7874 (Part 1)
3.	Crude fat, percent by mass (Min.)	3.5	7 of IS 7874 Part 1)
4.	Crude fibre, percent by mass (Max.)	10	8 of IS 7874 (Part 1)
5.	Acid insoluble ash, percent by mass (Max.)	3.0	10 of IS 7874 (Part 1)
6.	Rumen undegradable protein (UDP), percent by mass min	14	
7.	Common salt (as NaCl), percent by mass (Max.)	1.5	4 of IS 7874 (Part 2)
8.	Calcium (as Ca), percent by mass (Min.)	1.0	13433 (Part 1/ Part2)
9.	Available Phosphorus (as P), percent by mass (Min.)	0.25	Annex F of IS 1374
10.	Vitamin A, IU/kg (Min.)	10000	IS 15120
11.	Vitamin D3 IU/kg, *Min*	1200	Annex E of IS 2052
12.	Vitamin E, IU/kg, *Min*	30	Annex F of IS 2052
13.	Aflatoxin B1, ppb1), *Max*	20	IS 13427 or IS 14718#

Note: The values for requirement given in sr. No. 2 to 10 are on moisture-free basis. sr. No. 10 TO 13 shall be analysed through HPLC

10.Specifications for Mineral Mixtures For Supplementing Cattle Feeds
(Fourth Revision)
IS 14325 : 2013

Sr. No.	Characteristic	Requirement		Method of Test, Ref to
		Type 1 (With salt)	Type 2 (without salt)	
1	Moisture, percent by mass (Max.)	5.0	5.0	Annex A of IS 5470/ Clause No4. IS 7874 (part I)4
2	Calcium, percent by mass (Min.)	16.0	20.0	Estimation by AAS or ICP-MS
3	Phosphorus, percent by mass (Min.)	9.0	12.0	
4	Magnesium, percent by mass (Min.)	4.0	5.0	
5	Salt (chlorine as NaCl), percent by mass	22.0	-	4 of IS 7874 (Part 2)
6	Iron, percent by mass (Min.)	0.3	0.4	Estimation by AAS or ICP-MS
7	Iodine (as KI), percent by mass (Min.)	0.020	0.026	
8	Copper, percent by mass (Min.)	0.078	0.100	

9	Manganese, percent by mass (Min.)	0.10	0.12	
10	Cobalt, percent by mass (Min.)	0.009	0.012	
11	Fluorine, percent by mass (Max.)	0.05	0.07	
12	Zinc, percent by mass (Min.)	0.64	0.80	
13	Sulphur, percent by mass	1.4-2.3	1.8-3.0	
14	Acid insoluble ash, percent by mass (Max)	2.4	3.0	10 of IS 7874 (Part 1)
15	Lead (as Pb), mg/kg (Max.)	16.0	20	Estimation by AAS or ICP-MS
16	Arsenic (as As203), mg/kg (Max.)	5.0	7	
17	Total ash, in moisture-free sample, percent by mass	81-88	78-85	Annex C of IS 5470 or Clause 9 of IS 7874 (Part 1)1975
18	Presence of proteinous/ organic impurities	Shall pass the test	Shall pass the test	Annex D of IS 5470
Note: The values for requirement given in sr. No. 2 to17 are on moisture-free basis. Revised BIS or AOAC methods from time to time shall be the adopted				

11.Requirements of chick feeds (Broiler)
(Clauses 4.1.2, 7.1. L-4.2 and fc-5)

Sl.No.	Characteristic	Broiler Feed			Broiler Breeder feed				Method of Test, Ref to Clause
		Pre starter	Starter	Finisher	Chick	Grower	Layer	Male	
1	2	3	4	5	6	7	8	9	10
1	Moisture, percent by mass. Max	11	11	11	11	11	11	11	4 of IS 7874 (Part 1) or IS 14830
2	Crude protein (N * 6.25). percent by mass, Min	23	20	20	20	16	16	15	5 of IS 7874 (Part 1) Or IS 14825
	Ether extract, percent by mass. Min	3	3.5	4	2.5	2.5	2.5	2.5	7 of IS 7874 (Part 1)
4	Crude fibre, percent by mass. Max	5	5	5	7	9	9	9	8 of IS 7874 (Part 1) or IS 10226 (Part 1)
5	Acid insoluble ash. percent by mass. Max	2 5	2.5	2.5	4	4	4	4	10 of IS 7874 (Part 1) or IS 14826
6	Salt (as NaCl), percent by mass. Max	0.5	0.5	0.5	0.5	0.5	0.5	0.5	4 of IS 7874 (Part 2)

11.Requirements of chick feeds(Broiler) (*Clauses* 4.1.2 *and* 7.1)									
Sl. No.	Characteristic	Broiler Feed			Broiler Breeder feed				Method of Test, Ref to Clause
		Pre starter	Starter	Finisher	Chick	Grower	Layer	Male	
1	2	3	4	5	6	7	8	9	10
1	Calcium (as Ca). % by mass. Min	1	1	1	1	1	3.5	1	IS 13433 (Parts 1 and 2)
2	Total phosphorus, % by mass. Min	0.7	0.7	0.7	0.7	0.7	0.7	0.7	Clause 6 of IS 7874 (Part 2) or IS 14828
3	Available phosphorus, % by mass. Min	0.45	0.45	0.45	0.45	0.45	0.4	0.4	Annex F
4	Lysine, % by mass. Min	1.3	1.2	1	1	0.8	0.85	0.8	Annex G
5	Methionine, % by mass, Min	0.5	0.5	0.45	0.45	0.4	0.45	0.4	Annex H
6	Methionine + Cystine, % by mass. Min	0.9	0.9	0.85	0.7	0.7	0.7	0.7	IS 1374
7	Metabolizable energy (Kcal/kg), Min	3000	3100	3200	2 800	2 750	2800	2 750	Annex J
8	Aflatoxin B 1 (ppb). Max	20	20	20	20	20	20	20	Annex K or IS 13427

Requirements of chick feeds(Layer) (Clauses 4.1.2, 7.1. L-4.2 and fc-5)										
S.No.	Characteristic	Layer Feed				Laver Breeder Feed				Method of Test, Ref to Clause
		Chick	Grower	Layer Phase 1	Layer Phase II	Chick	Grower	Romi	Male	
1	2	3	4	5	6	7	8	9	10	11
1	Moisture, percent by mass. Max	11	11	11	11	11	11	11	11	4 of IS 7874 (Part 1) or IS 14830
2	Crude protein (N * 6.25). percent by mass, Min	20	16	18	16	20	16	17	16	5 of IS 7874 (Part 1) Or IS 14825
3	Ether extract, percent by mass. Min	2	2	2	2	2	2	2	2	7 of IS 7874 (Part 1)
4	Crude fibre, percent by mass. Max	7	9	9	10	7	9	9	9	8 of IS 7874 (Part 1) or IS 10226 (Part 1)
5	Acid insoluble ash. percent by mass. Max	4	4	4	4.5	2.5	2.5	2.5	2.5	10 of IS 7874 (Part 1) or IS 14826
6	Salt (as NaCl), percent by mass. Max	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	4 of IS 7874 (Pari 2)

Requirements of chick feeds(Layer) *(Clauses* 4.1.2 ***and*** 7.1)										
S no	**Characteristic**	**Layer Feed**				**Laver Breeder Feed**				**Method of Test, Ref to Clause**
		Chick	**Grower**	**Layer Phase 1**	**Layer Phase II**	**Chick**	**Grower**	**Romi**	**Male**	
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
1	Calcium (as Ca). % by mass. Min	1	1	3	3.5	1	1	3.5	1	IS 13433 (Parts 1 and 2)
2	Total phosphorus, % by mass. Min	0.7	0.65	0.65	0.65	0.65	0.6	0.6	0.6	Clause 6 of IS 7874 (Part 2) or IS 14828
3	Available phosphorus, % by mass. Min	0.45	0.4	0.4	0.4	0.45	0.4	0.4	0.4	Annex F
4	Lysine, % by mass. Min	1	0.7	0.7	0. 65	0.95	0.7	0.7	0.8	Annex G
5	Methionine, % by mass, Min	0.4	0.35	0.35	0.3	0.4	0.4	0.4	0.4	Annex H
6	Methionine + Cystine, % by mass. Min	0.7	0.6	0.6	0.55	0.7	0.6	0.6	0.6	IS 1374
7	Metabolizable energy (Kcal/kg), Min	2800	2500	2600	2400	2 800	2 600	2600	2600	Annex J
8	Aflatoxin B| (ppb). Max	20	20	20	20	20	20	20	20	Annex K or IS

ANNEXURE- III

1. Classification of Animal Feed Business Operations and License Fee payable

Category	Description	Livestock feed	Poultry feed	Pet feed
		License fee (Rs in Lakhs)		
Category – 1	Feed Manufacturing (Large Scale) : Production capacity 1 lakh MT/Year and above	2.00	2.00	2.00
Category – 2	Feed Manufacturing (Medium Scale): Production capacity 0.50 to 0.99 Lakh MT/Year	1.25	1.25	1.75
Category – 3	Feed Manufacturing (Small Scale): Production capacity < 0.50 Lakh MT/Year	0.75	0.75	1.50
Category – 4	Distribution of feed (>50000MT/yr)	0.75	0.75	1.00
Category – 5	Distribution of feed (25000-50000MT /yr)	0.50	0.50	0.75
Category – 6	Distribution of feed (<25000MT/yr)	0.25	0.25	0.50
Category-7	Endorsement Fee for Distributor	0.10	0.10	0.10
Category-8	Endorsement Fee for Manufacturer	0.25	0.25	0.25
Category-9	Certification fees to the Feed Manufacturing Plant/unit	1.00	1.00	1.00
Category-10	Certification fees to the Animal Feed	1.00	1.00	1.00

2. User Charges for Analysis of Samples at Notified and Referral Animal Feed Analytical Laboratories

Sl. No.	Parameters	Fee(Rs.)
Feed analysis Charges:-		
1	Protein	80
2	Fat	80
3	Fiber	80
4	Ash	70
5	Moisture	70
6	Sand silica	80
7	Proximate principles	350
8	Feed analysis by NIR All parameters (Protein, fat, fibre, ash, moisture)	200
9	Urea	100
10	Salt	100
11	Calcium	100
12	Phosphorus	100
13	Aflatoxin estimation	200
14	Ochratoxin	400
	Antibiotic residue analysis HPLC	
15	Oxytetracyclines/ any antibiotic	500

ANNEXURE- IV

Feed analytical procedures

1. DETERMINATION OF MOISTURE

IS: 7874 (Part I) • 1975

PREPARATION OF THE SAMPLE

Grind about 100g of the sample so that it passes through 1·00-mm IS Sieve. Alternatively, ASTM Sieve 18 or BS Sieve 16 or Tyler Sieve 16 may be used. Transfer this prepared sample to a well-stopper glass bottle.

Procedure –

Weigh accurately about 5 g of the prepared sample in a tared aluminium dish with a cover, having a diameter of at least 50 mm and a depth of about 40 mm. Shake the dish until the contents are evenly distributed. With cover removed place the dish and cover in an air-oven maintained at 135 ± 2°C and dry for at least 2 hours. Place cover on dish, cool in a desiccator and weigh. Repeat the process of heating, cooling and weighing until the difference in mass between two successive weighings is less than one milligram.

Calculations:

Moisture, percent by mass =100(M1-M2)/ (M1-M)
Where:

M1= mass in g. of the dish with the material before drying,
M2= mass in g of the dish with the material after drying, and
M= mass in g of the empty dish.

2. DETERMINATION OF TOTAL ASH

Reference: IS: 7874 (Part I) • 1975

Procedure: -
Weigh accurately about 2 g of the dried material in a tared porcelain, silica or platinum dish. Ignite with the flame of a Meker burner for about one hour. Complete the ignition by keeping in a muffle furnace at 550 ± 20°C until grey ash results, Cool in a desiccator and weigh. Ignite the dish again in the muffle furnace for 30 minutes, cool and weigh. Repeat this process until the difference in mass between two successive weighings is less than 1 mg. Note the lowest mass.

NOTE - Preserve the dish containing this ash for the determination of acid insoluble ash.

Calculations:
Total ash (on moisture-free basis), percent by mass = 100(M2-M)/ (M1-M)
where,
M2 = the lowest mass in g of the dish with the ash,
M = mass in g of the empty dish, and
M1 =mass in g of the dish with the dried material taken for the test.

3. DETERMINATION OF ACID INSOLUBLE ASH

Reference: IS: 7874 (Part I) • 1975

Reagent

Dilute Hydrochloric Acid-approximate1y 5 N. prepared from concentrated hydrochloric acid (IS : 265-1962).

Procedure:-

Weigh accurately 2 g of the dried material in a tared porcelain, silica or platinum dish. Ignite with a Meker burner for about one hour. Complete the ignition by keeping in a muffle furnace at 550 0 ± 20°C until qrey ash results. Moisten with concentrated hydrochloric acid and evaporate to dryness. Keep in an electric air-oven maintained at 135 ± 2°C for about 3 hours.

Cool and add 25 ml of dilute hydrochloric acid, cover with a watch-glass and heat on a water-bath for 10 minutes, Cool and filter through Whatman filter paper No. 42 or its equivalent. Wash the residue with hot water until tile washings are free from chlorides as tested with silver nitrate solution and return the filter paper and residue to the dish. Ignite it in a muffle furnace at 550° ± 20°0 for one hour. Cool in a desiccator and weigh. Ignite the dish again for 30 minutes, cool and weigh, Repeat this process till the difference between two successive weighings is less than one milligram. Note the lowest mass.

Calculations:

Acid insoluble ash (on moisture-free basis), percent by mass = 100(M2—M)/ (M1-M)

Where:

M 2 = The lowest mass in g of the dish with the acid insoluble ash,
M = mass in g of the empty dish, and
M 1 = mass in g of the dish with dried material

4. DETERMINATION OF ETHER EXTRACT

Reference IS: 7874 (Part 1) – 1975 / AOAC 991.36

Reagents

Petroleum Ether- of boiling range 40°C to 60°C.

Hexane, Food Grade - conforming to IS: 3470-1966.

Procedure - Weigh accurately about 2·5 g of the prepared sample dry as described under estimation of moisture and extract with petroleum ether or hexane, food grade, in a Soxhlet or other suitable extractor. The extraction period may vary from 4 hours at a condensation rate of 5 to 6 drops per second to 16 hours at 2 to 3 drops per second. Dry the extract on a steam-bath for 30 minutes, cool in a desiccator and weigh. Continue at 30- minutes intervals this alternate drying and weighing until the difference between two successive weighings is less than one mg. Note the lowest mass.

NOTE - If necessary preserve the fat free material in a desiccator for the determination of crude fibre content.

Calculation

Crude fat (on moisture-free basis), percent by mass= 100 (M1 – M2)/ m

where,

M 1 =Mass in g of the extraction flask with dried extract,
M 2 = Mass in g of extraction flask,
m =Mass in g of the dried sample taken for the test.

5. DETERMINATION OF CRUDE FIBRE

Reference IS: 7874 (Part 1) – 1975 / AOAC 978.10

Reagents.

1. Sulphuric Acid - 0·255 N [1-25 percent (m/v)], accurately prepared.
2. Sodium Hydroxide Solution- 0·313 N [1·25 percent (m/v)], accurately prepared.

Procedure - Weigh accurately about 2 g of the dried material and extract the fat for about 8 hours with petroleum ether or hexane, food grade, using a Soxhlet or other suitable extractor or use the residue from the crude fat determination. Transfer the fat-free dry residue to a one-litre conical flask. Take 200 ml of dilute sulphuric acid in a beaker and bring to the boil. Transfer the whole of the boiling acid to the flask containing the fat-free material and immediately connect the flask with a reflux water condenser and heat, so that the contents of the flask begin to boil within one minute. Rotate the

flask frequently, taking care to keep the material from remaining on the sides of the flask out of contact with the acid. Continue boiling forexactly30 minutes. Remove the flask and filter through fine linen (about 18 threads to the centimetre) held in a funnel, and wash with boiling water until the washings are no longer acid to litmus. Bring to the boil some quantity of sodium hydroxide solution under a reflux condenser, Wash the residue on the linen into the flask with 200 ml of the boiling sodium hydroxide solution. Immediately connect the flask with the reflux condenser and boil for exactly 30 minutes. Remove the flask and immediately filter through the filtering cloth. Thoroughly wash the residue with boiling water and transfer to a Gooch crucible prepared with a thin but compact layer of ignited asbestos. Wash the residue thoroughly first with hot water and then with about 15 ml of 95 percent (by volume) ethyl alcohol. Dry the Gooch crucible and contents at 105 ± IOC in the air-oven to constant mass. Cool and weigh. Incinerate the contents of the Gooch crucible at 600 ± 20°(in a muffle furnace until all the carbonaceous matter is burnt. Cool the Gooch crucible containing the ash in a desiccator and weigh.

NOTE - Alternatively, instead of the conical flask and the reflux condenser, use a tallformspoutless beaker of 600 to 800 ml capacity and cover it with a round-bottomed flask filled with cold water, which acts as a condenser. If the water in the flask becomes hot, it may be replaced by another flask containing cold water.

Calculation

Crude fat (on moisture-free basis), percent by mass= 100 (M1 – M2) / m

where,

M 1 =Mass in g of the extraction flask with dried extract,
M 2 = Mass in g of extraction flask,
m =Mass in g of the dried sample

When the residue from fat determination is used:

Crude fibre (on moisture-free basis), percent by mass

= (M1 - M2) (100 - f) / m1

Where

M1 = Mass in g of Gooch crucible and contents before ashing,
M2 = mass in g of Gooch crucible containing asbestos and ash,
f = crude fat (on moisture-free basis), percent by mass
m1 =mass in g of the fat-free material taken for the test.

6. DETERMINATION OF CRUDE PROTEIN

Reference IS: 7874 (Part 1) – 1975 / AOAC 990.03

Principle - The percentage of crude protein is ascertained by multiplying the percentage of nitrogen other than ammoniacal nitrogen, by a factor. The quantity of ammoniacal nitrogen is separately determined and deducted from total nitrogen.

For animal feeds and feeding stuffs the factor to be used will be 6·25, except in case of wheat and its products for which it will be 5·70.

Apparatus

1. Kjeldahl Flask - 500 ml capacity.
2. Distillation Assembly - The assembly consists of a round-bottom flask of a 1000 ml capacity fitted with a rubber stopper through which passes one end of the connecting bulb tube. The other end of the bulb tube is connected to the condenser which is attached by means of a rubber tube to a dip tube which dips into a known quantity of standard sulphuric acid or boric acid solution contained in a conical flask of 500 ml capacity, to which 3 to 4 drops of methyl red indicator solution have been added.

Reagents

1. Potassium Sulphate or Anhydrous Sodium Sulphate
2 . Copper Sulphate

3. Concentrated Sulphuric Acid-
4. Sodium Hydroxide Solution - Dissolve about 450 g of sodium hydroxide in 1000 ml of water,
5. Standard Sulphuric Acid – 0.5 N.
6. Standard Sodium Hydroxide Solution - 0·25 N.
7. Methyl Red Indicator Solution - Dissolve 1 g of methyl red in 200 ml of rectified spirit (see IS: 323-1959t), 95 percent by volume.
8. Boric Acid Solution - Saturated. Dissolve 60 g of boric acid in 1 litre of hot water; cool and allow to mature for 3 days before decanting the clear liquid.
9. Magnesium Oxide - carbonate free, freshly ignited.

Procedure

1. Total Nitrogen - Transfer carefully about 2 g of the prepared sample accurately weighed, to the Kjeldahl flask, Add about 10 g of potassium sulphate or anhydrous sodium sulphate, about 0-5 g of copper sulphate and 25 ml or more, if necessary, of concentrated sulphuric acid. Place the flask in an inclined position, and heat below the boiling point of the acid until frothing ceases. Increase heat until the acid boils vigorously and digest for a time after the mixture is clear or until oxidation is complete (about 2 hours). Cool the contents of the flask. Transfer ·Specification for sulphuric acid quantitatively to the round-bottom flask with water, the total quantity of water used being about 200 ml. Add a few pieces of pumice stone to prevent bumping. Add carefully the sodium hydroxide solution in quantity which is sufficient to make the solution alkaline by the side of the flask so that it does not mix at once with the acid solution but forms a layer below the acid layer. Assemble the apparatus taking care that the tip of the dip tube extends below the surface of the standard sulphuric acid solution in the receiver. Mix the contents of the flask by shaking and distil until all ammonia has passed over into the standard sulphuric acid solution. Titrate with standard sodium hydroxide solution,

Carry out a blank determination using all reagents in the same quantities but without the material to be tested.

Alternatively, the ammonia evolved by distillation shall be absorbed in boric acid. Carry out digestion. Transfer completely the contents of the digestion flask into the round-bottom flask through the separating funnel. Rinse the separating funnel with water. The total volume of liquid in the distillation flask should not exceed half the capacity of the flask otherwise frothing may occur. Add excess of sodium hydroxide solution to make the solution alkaline. Connect immediately the round-bottom flask to steam trap and condenser. The condenser should be arranged to dip the dip-tube in 50 ml of boric acid which is kept cool in the conical flask. Add 2 or 3 drops of the mixed indicator. Distil about one-third of total volume of the solution in the flask. Cool and dismantle the distillation assembly. Rinse the tip of the condenser and the dip-tube with water, collecting the washings in the receiver. Titrate the ammonia present in the distillate with sulphuric acid until the grass-green colour changes to steel-grey, an additional drop then giving the purple colour.

2. Ammoniacal Nitrogen - Weigh accurately 2 to 4 g of the prepared sample. Shake it with water and filter. Wash the residue thoroughly with water. Transfer the filtrate to the distillation flask and dilute to about 200ml with water. Add about 5g of magnesium oxide. Connect the flask to the condenser by means of the connecting bulb tube and distil about 100ml of liquid into the receiver containing standard sulphuric acid and methyl red indicator solution. Titrate the contents of the receiver with standard sodium hydroxide solution.

3. Carry out a blank determination using all reagents in the same quantities but without the material to be tested.

Calculation

Total nitrogen (on moisture-free basis), percent by mass= $140 (B - A) N / m (100 - M)$

where,

B= volume in ml of the standard sodium hydroxide solution used to neutralize the acid in blank determination

A= volume in ml of the standard sodium hydroxide solution used to neutralize the excess acid in the test with the material

N = normality of the standard sodium hydroxide solution,

m= mass in g of the material taken for the test
M = moisture percentage

When boric acid solution has been used for absorption, calculation of total nitrogen shall be as given below:

Total nitrogen (on moisture-free basis), percent by mass = 140 V N / m (100 - M)
where,
V = volume in ml of standard sulphuric acid used in titration
N = normality of the standard sulphuric acid,
m = mass in g of the material taken for the test
M = moisture percentage

Ammoniacal nitrogen (on moisture free basis), percent by mass
= 140 (b - a) N / m (100 - M)
where,
b = volume in ml of the standard Sodium hydroxide solution used to neutralize the acid in blank determination
a = volume in ml of the standard sodium hydroxide solution used to neutralize the excess acid in the test with the material
N = normality of the standard sodium hydroxide solution,
m = mass in g of the material taken for the test and
M = moisture percentage

Crude protein (on moisture-free basis), percent by mass = 6·25 (X - Y)
Where,
X = percent by mass of total nitrogen
Y= percent by mass of ammoniacal nitrogen

7. DETERMINATION OF CALCIUM – TRITRIMETRIC METHOD

Reference: IS:13433 (part-I) – 1992.

PRINCIPLE:

Ashing of a test portion, treatment of the ash with hydrochloric acid and precipitation of the calcium as calcium oxalate. Dissolution of the precipitate in sulphuric acid and titration with standard volumetric potassium permanganate solution of oxalic acid formed.

REAGENTS:

All reagents of recognised analytical quality and distilled water shall be used for the test.

Hydrochloric Acid: Approximately 30 percent (m/m) (p20=1.15g/ml)
Nitric Acid: Concentrated (p20=1.40g/ml)
Sulphuric acid: Approximately 20 percent (m/m) (p20=1.13g/ml)
Ammonia Solution: Approximately 33 percent (m/m) (p20=0.89g/ml)
Ammonia Oxalate: Cold saturated solution.
Citric acid monohydrate: 300g/l solution
Ammonium Chloride: 50g/l solution
Bromocresol green: 0.4g/l
Potassium Permanganate: Standard volumetric solution, c (1/5 $KMnO_4$)=0.1 mol/l (N/10)

APPARATUS:

Usual laboratory apparatus and in particular the following.

Electric Muffle Furnace -with air circulation, capable of being maintained at 550± 20°C.
Incineration Dish- Made of platinum, silica or porcelain.
Sintered glass filter crucible- of porosity P16 (pore size 10 to 16 µm).
Boiling water bath-
Beakers-of capacity 250 ml
Analytical Balance.

Procedure

Preparation of test sample-
Grind about 100gm of the sample, so that it passes through 1.00mm I.S test sieve. Transfer this prepared sample to a well stopered glass bottle.

Test portion
Weigh, to the nearest 1 mg, approximately 5gms of the test sample (or more if necessary), in to the incineration dish.

Determination:

Ash the test [portion in the electric muffle furnace, maintained at 550± 10°C until all organic matter has been destroyed (Usually 4 hours is sufficient). If some organic matter remains (Black particles), add a few drops of nitric acid dry on a hot plate and ash again the muffle furnace at 550± 20°C. For 30 minutes. Repeat this until all organic matter has been destroyed. Transfer the ash to a 250 ml beaker.

Add 40 ml of the hydrochloric acid, 60 ml of water and few drops of nitric acid. Bring to the boil and boil for 30 minutes. Cool and transfer, the solution to a 250ml one – mark volumetric flask. Rinse, dilute to the mark with water, mix and filter to give test solution.

By the means of a pipette, transfer an aliquot portion of the test sample containing 10 to 40 mg of calcium, according to the expected calcium contained, to a 250 ml beaker. Add 1 ml of citric acid solution and 5 ml of ammonium chloride solution. Dilute to approximately 100 ml with water. Bring to the boil; add 10 drops of the bromocresol green solution and 30 ml of warm solution of the ammonium oxalate. If a precipitate forms, dissolve it by adding a few drops of the hydrochloric acid.

Neutralise very slowly with ammonia solution stirring continuously until a PH of 4.4 to 4.6 is reached (I.e. when the indicator changes colour) place the beaker on a boiling water bath and leave for 30 minutes to allow the precipitate which has formed to settled. Remove the beaker from the water bath. Leave for 1 hour and filter through the filter crucible.

Wash the beaker and the crucible with water until the excess ammonium oxalate is completely removed as shown by the absence of chloride in washing water. Place the crucible in 250ml beaker or wide-mouth flask. Add 80ml of the sulphuric acid and heat to 70-80°c to dissolve the precipitate.

Titrate the hot solution with the standard volumetric potassium permanganate solution until a pink colour, persisting for one minute is obtained.

Number of determinations:
Carry out two determinations on test portions taken from the same test samples.

EXPRESSION OF RESULTS:

Method of calculation and formula:
The calcium contain, expressed in gm/kg of sample= $\frac{20.4 \times V \times c \times 250}{m \quad V1}$

Where:
V = Volume in millilitres of the standard volumetric potassium permanganate solution used for titration;
C = exact concentration in moles per litre of the standard volumetric potassium permanganate solution;
m = mass, in g, of the test portion
V1 = Volume, in ml of the aliquot portion taken
Take as the result of the arithmetic mean of the values obtained in the two determinations provided that the requirement for repeatability is satisfied.
Report the result to the nearest 1g/kg.

Repeatability:
The difference between the values obtained in the two determinations, carried out simultaneously or in rapid succession by the same analyst shall not exceed:
1g/kg (absolute) for calcium contains less than 50g/kg; and
2percent (relative) or the mean for calcium contains of 50g/kg or more.

NOTES ON PROCEDURE:

- For the determination of very low calcium content used the methods specified in IS:13433(PART II): 1992.

- If the sample consists of exclusively of minerals substance, dissolve it in hydrochloric acid wit out ashing.

- For products such as aluminocalcium phosphates, which are difficult to dissolve in acids, mix the test portion in a platinum dish with five times its mass of a mixture comprising equal parts of potassium carbonate and sodium carbonate. Heat carefully until the mixture completely molten. After cooling dissolve in hydrochloric acid.

- If the magnesium content of the sample is likely to exceed the calcium content, or in cases of doubt, precipitate the calcium oxalate a second time.

TEST REPORT:
The test report shall show the method used and the result obtained. It shall also mention any operating conditions not specified in this standards, or regarded as optional, as well as any circumstances that may have influenced the results.

The test report shall include all the details required for the complete identification of the sample.

8. ESTIMATION OF PHOSPHORUS - PRECIPITATION METHOD

Reference: IS:7874 (part-II) – 1975. Methods for animal feeds and feeding stuffs. Part-II. Minerals and trace elements.

1. Concentrated nitric acid
Nitric acid (1:1) – A mixture of equal volumes of concentrated nitric acid and water.

2. Ammonium molybdate stock solution – Take 200 g of powdered ammonium molybdate in a stoppered graduated cylinder of 1000 ml capacity, add to it 800 ml of Water and shake well for 25 minutes to dissolve the ammonium molybdate. Add gradually 25 per cent ammonium hydroxide solution till the solution is clear (About 100 to 140 ml of ammonium hydroxide may be required). Avoid adding excess of ammonia. Make up the volume to one litre. If necessary, filter the solution through a filter paper and stock this solution.
3. Nitric acid solution – 2 per cent (m/v).
4. Potassium nitrate solution – 3 per cent (m/v)
5. Standard sodium hydroxide solution – 0.1 N.
6. Standard nitric acid solution – 0.1 N.
7. Phenolphthalein indicator solution – Dissolve 0.1 g of Phenolphthalein in 100 ml of 60 per cent (m/v) rectified spirit.

Procedure
Precipitation
Take 10 ml aliquot of the prepared solution (As in ashing and extraction of calcium) in a 150 ml beaker. In a dry beaker, prepare ammonium molybdate solution by pouring into it, quickly and simultaneously 10 ml of the ammonium molybdate stock solution and 10 ml of concentrated nitric acid; or take 10 ml of concentrated nitric acid first in the beaker and into this pour quickly 10 ml of the ammonium molybdate stock solution, whirling the beaker during addition. Pour this freshly prepared clear liquid quickly into the beaker containing the aliquot and stir.

Filtration and washing
Allow the precipitate to stand overnight and then filter through a disc of Whatman filter paper No. 42 in through a 9 cm Whatman filter paper No. 42 over an ordinary funnel. As far as possible only the supernatant liquid is passed through the filter paper, retaining the precipitate in the beaker. When the supernatant liquid is decanted off, the precipitate is washed twice with dilute nitric acid and then with potassium nitrate solution until the washings is free from acid. If ordinary funnel and filter paper are used, freedom from acidity may be tested by collecting sufficient filtrate in test tube to which a few drops of phenolphthalein indicator solution and one drop of the standard sodium hydroxide solution are added. If the pink colour appears with one drop of the standard alkali, the precipitate is free from acid.

Titration
Transfer the precipitate with the filter paper back to the beaker in which precipitation was carried out. When gooch crucible is used for filtration, transfer the whole crucible along with the filter paper to the beaker in which precipitation was carried out. Add sufficient quantity of the standard sodium hydroxide solution from a burette just sufficient to dissolve the precipitate and then add 5 ml in excess. See that no yellow precipitate sticks to the filter paper. Note the total volume of the standard sodium hydroxide solution added. Add about 10 drops of phenolphthalein indicator solution and titrate the excess of alkali with the standard nitric acid.

Calculation

$$\text{Phosphorus (on moisture-free basis) per cent by mass} = \frac{336.75\ (AN1 - BN2)}{m\ (100 - M)}$$

Where,
A = volume in ml of the standard sodium hydroxide solution used,
N1 = normality of the standard sodium hydroxide solution,
B = volume in ml of the standard nitric acid used in to neutralize the excess alkali
N2 = normality of the standard nitric acid,
m = mass in g of the material taken for the test and,
M = per cent moisture content

9. DETERMINATION OF UREA

Reference: IS 13399: 1992
Principle
Suspension of water of the test portion in the presence of de-colorant. Addition of Carrez-I and Carrez-II solutions. Stirring of the suspension, then filtration. Addition to the filtrate of 4-dimethyl-amino-benzaldehyde (DMAB) and spectrometric measurement at 420 nm of the absorbance of the solution thus obtained.

Reagents
Active carbon - Which does not absorb urea.
4-Dimethyl-Amino-Benzaldehyde(4-DMAB) - Dissolve 1.6 g of 4-DMAB in 100ml of 96 per cent (v/v) ethanol, add 10 ml of concentrated hydrochloric a cid (P 20 =1.19 g/ ml)and mix.
Carrez I Solution - Dissolve in water 24 g of zinc acetate dihydrate (Zn (CH3 COO)2. 2H2O) and 3 g of glacial acetic acid. Make up to 100 ml with water and mix.
Carrez II Solution - Dissolve in water 10.6g of potassium hexacyno ferrate (II) trihydrate (Potassium ferrocyanide trihydrate) (K4(Fe(CN)6).3H2O). Make up to 100 ml with water and mix.

Urea -Standard
Solution corresponding to 1 g of urea per litre.

Apparatus
Rotary shaker
Spectrometer

Procedure
Weigh, to the nearest 1 mg, about 2 g of the test sample.

Preparation of the test solution

Transfer the test portion together with1g of the active carbon into a 500ml volumetric flask. Add 400ml of water, 5ml of the Carrez I solution and 5 ml of the Carrez II solution. Mix for 30 min in a rotary shaker. Make up to the mark with water homogenize and filter. If the filtrate is coloured, increase the quantity of active carbon.

Colour development Transfer, by means of a pipette, 5ml of the clear colourless filtrate into a test tube and add, by means of a pipette, 5 ml of the 4-DMAB solution. Mix and leave to stand for 15 min in a water bath controlled at 20°C.

Blank test

Carry out a blank test in parallel with the determination using the same procedure and the same quantities of all reagents, but omitting the test portion.

Preparation of the calibration graph

Pipette into a series of five 100ml volumetric flasks 10, 20, 40, 50 and 80ml of the urea standard solution. Make each flask up to the mark with water. One millilitre of the standard solution contains 100, 200, 400, 500 and 800 µg of urea, respectively.

Pipette into a series of five test tubes 5ml of each of these solutions (on e dilution per test tube). Add to each test tube, by means of a pipette, 5ml of the 4-DMAB solution and homogenize. Transfer the solution to spectrometer cells and measure their absorbance at 420nm, using the spectrometer against a compensation solution containing 5 ml of 4- DMAB and 5 ml of water.

Plot the calibration graph, with the absorbance value on the ordinate and corresponding concentrations of urea, in micrograms per millilitre.

Transfer the solution to a spectrometer cell and measure its absorbance at 420nm, using the spectrometer, against the blank test.

Urea content,(percentage by mass)= C/20 X m

Where,

C=is the urea content, in micrograms per ml of the filtrate of the test solution, determined from the calibration graph

M=is the mass, in grams of the test portion

ANNEXURE- V

List of Notified and Referral Laboratories and tests conducted

1. REFERRAL LABORATORY

Sl. No.	District	Location of the Analytical Laboratory	Feed and Feed Ingredients Analysis Lab	Lab for Analysis of Mineral Mixtures	Lab for Aflatoxin Analysis
1.	Krishna	VBRI, Vijayawada	✓	✓	✓

2. NOTIFIED LABORATORIES

Sl. No	District & Address	Feed and Feed Ingredients Analysis Lab	Lab for Analysis of Mineral Mixtures	Lab for Aflatoxin Analysis
1	RADDL, Visakhapatnam	✓	✓	✓

2	RADDL, Kakinada, East Godavari	✓	✓	✓
3	RADDL, Ongole, Prakasam	✓	✓	✓
4	RADDL, Chittoor	✓	✓	✓
5	NTR CVSc, Gannavaram	✓	✓	✓
6	CVSc, Tirupati	✓	✓	✓

ANNEXURE-VI

1. List of Equipment and Facilities required in Notified Animal Feed Analytical Laboratories

1) Feed and Feed Ingredients Analysis Lab	
Equipments& Instruments	Cyclotec Feed grinding mill, Electronic balance, Hot air Oven, Dessicators, Hot plate, Fume hood, Muffle furnace, Nitrogen analyser, Ether extraction system (for ether extract), Fibre extraction system(crude fibre), Bomb Colorimeter, computer systems, Printers, Computer accessories, UPS etc.
Facilities required	There should be continuous supply of running tap water separate power line and proper earthing for accommodating heavy duty equipment. A fume hood is required to protect the lab personnel from hazardous fumes.
Moisture Analysis	Feed grinder/Mixer, Electronic balance, Hot air Oven, Dessicator vacuum Tongs, Spatula, silica crucibles, etc.
Total Ash Analysis	Feed grinder/Mixer, Electronic balance, Hot plate, Fume hood, Muffle furnace, Dessicator vacuum, Tongs, Spatula, silica crucibles
Acid insoluble ash	Feed grinder/Mixer, Electronic balance, Hot plate, Fume hood, Muffle furnace, Dessicator vacuum, Tongs, Spatula, silica crucibles Filter paper no 41
Protein Analysis	Feed grinder/ Mixer, Electronic balance, Nitrogen analyser, computer system, UPS, Titration systems, etc.
Ether extract Analysis	Mortar and pestle, Electronic balance, Ether extraction apparatus, Hot air Oven, Dessicator vacuum, etc.
Fibre Analysis	Mortar and pestle, Electronic balance, Fibre extraction system, Hot air Oven, Muffle furnace, Vacuum pump, Dessicator vacuum, Tongs, Spatula, silica crucibles etc.
Urea estimation	Electronic balance, Spectrophotometer, Cuvettes, Orbital shaker, computer system, Vortex mixer Filter paper no 40 UPS etc.,
Lab facilities	Furniture, Desk top, Glassware, Plastic ware, Cupboards, steel cabinets & racks, Fire extinguisher, fume hood, Refrigerator, Deep freezer Ac unit and chemicals etc.
	Partition for sample collection, preservation room for samples & chemicals, Feed analysis chamber, water supply, Electricity arrangements, Cupboard, Steel cabinets & racks, Fire extinguisher etc. safety arrangements for instruments as per Standard Operating Procedures
2) Laboratory requirements for Mineral Analysis	

Equipments & Instruments	Cyclotec grinding mill, Electronic balance, Hot plate, Fume hood, Vortex mixer, Orbital shaker, Muffle furnace, Spectrophotometer, Cuvettes, computer system, UPS, Burette stands, Burette, Pipettes, Tilt measures, Glass rods, Silica/Gooch Cruicibles etc.
Lab facilities	There should be continuous supply of running tap water, separate power line and proper earthing for accommodating heavy-duty equipment. A fume hood is required to protect the lab personnel from hazardous fumes. Furniture, Desktop, Glassware, Plastic ware, Cupboard, Steel cabinets & racks, Fire extinguisher, fume hood, Refrigerator, Ac unit and chemicals etc.
	Partition for sample testing, sample preservation room, sample preparation room, result analysis chamber, water supply, Electricity arrangements, Cupboard & racks etc. safety arrangements for instruments as per Standard Operating Procedures etc.
3) Laboratory requirements for Mycotoxin Analysis	
Equipment	Electronic balance, Rotary flask shaker, Separating funnels, Glass funnels, Filtration stands, Whatman filter paper no.1, Spectrophotometer water bath, Aflatoxin ELISA Reader, computer system ,UV Cabinet, UPS, TLC plates etc.
Lab facilities	Furniture, Desk top, Glassware, Plastic ware, Cupboard Steel Cabinets & racks, Refrigerator, Ac unit and chemicals , referral standards for quantification etc.
	Partition for sample collection room, sample preparation room, sample testing room, water supply, Electricity arrangements, Cupboard & racks etc. safety arrangements for instruments as per Standard Operating Procedures

2. List of Equipment and Facilities requirement in Referral Laboratory

1. Feed and Feed Ingredients Analysis Lab	
Equipments& Instruments	Hot air Oven, Kjeldhal digestion and distillation System, Soxhlet system, Fibretec system, Bomb Colorimeter Muffle Furnace, Hot plate, water bath, balances, dessicators.
Lab facilities	Furniture, Desk top, Glassware, Plastic ware, Cupboard& racks etc. and Test Kits.
	Partition for sample collection, preservation room for samples & chemicals, fume hood, UPS, water supply, Electricity arrangements, Cupboard & racks etc. safety arrangements for instruments as per Standard Operating Procedures
2. Antibiotic residues, Pesticide residues and Mycotoxin Testing Labs	
Equipments& Instruments	Elisa, GC/ GC –MS, HPLC with all accessories for these instruments, UPS, vacuum pump, computer system, Sonicator.
Lab facilities	Furniture, Desk top, Glassware, Plastic ware and Test Kits & AC unit.
	Partition for sample testing, sample preservation room, sample preparation room, result analysis chamber, water supply, Electricity arrangements, Cupboard & racks etc. safety arrangements for instruments as per Standard Operating Procedures
3. NIR Lab	
Equipment	NIR Equipment.

Lab facilities	Furniture Requirement, Desk top, Tables & Lab furniture, AC unit
	Electricity, Water supply, platform, safety arrangements for instruments as per Standard Operating Procedures

3. Man Power Requirement For Notified and Referral Laboratories

Lab wise Man power for lab operations	Assistant Director - One Animal Feed Analysts - Two Lab Technicians –Two Lab assistants -Two

ANNEXURE-VII

List of adulterants and their permissible level

If any unapproved ingredients are found in the feed, the feed will be considered as adulterated. However, there is a chance of occurrence of some of the chemical /extraneous substances through approved ingredients also. Therefore, the following indicative list of permissible levels is given:-

The Animal Feed Quality Control Committee shall be empowered to modify the list of adulterants and their tolerance levels.

S.No.	Name of the Substance	Type of feed	Permissible level
1.	Urea	Calf feed	Nil
		Cattle feed	Less than 1%

Maximum Permissible Levels of Aflatoxin

S. No.	Food/Feed	Maximum permissible limit (ppb)
1	Dairy feed, feed for immature Animals	100 ppb
2	Dairy feed, feed for immature Animals Feed for breeding cattle, swine or mature poultry	100 ppb
3	Feed for finishing swine	200 ppb
4	Feed for feedlot beef cattle	300 ppb
	BIS	
5	Feeds for poultry	20 ppb
6	Feeds for ducks	3 ppb
	ICAR, New Delhi	
7	Feeds for chicks	150 ppb
8	Feeds for broilers	400 ppb
9	Feeds for layers	900 ppb
10	Feeds for breeding stock	300 ppb

ANNEXURE-VIII

List of Offenses & Penalties And Appeal Charges

Note: Sufficient documentary evidence (such as invoices, photos, videos, lab reports, enquiry report, inquest report, geo-coordinates and others) shall be uploaded by the AFI

S. No.	Offense	Penalty					Appeal
		Suspension of license	Seizure of stock	Cancellation of license	Fine by dept. (Rs.)	Prosecution (Fine/ imprisonment/ forfeiture)	
1	Doing Animal Feed Business without licence	-	Yes	-	5,00,000	Yes	-
2	Distribution/Sale of unapproved Animal feed (1st instance)	-	Yes	-	2,00,000	-	-
3	Distribution/ Sale of unapproved Animal feed (2nd instance)	Yes	Yes	-	5,00,000	Yes	Yes
4	Distribution/Sale of Animal feed made for sales in other states of India / export to other countries (1st instance)	-	Yes	-	2,00,000	-	-
5	Distribution/ Sale of Animal feed made for sales in other states of India / export to other countries (2nd instance)	Yes	Yes	-	5,00,000	Yes	Yes
6	The License was obtained by concealment or misrepresentation as to an essential fact/s;	-	Yes	Yes	1,00,000	-	Yes
7	Preventing AFI from exercising his/her powers (1st time)	-	-	-	25,000	-	-
8	Preventing AFI from exercising his/her powers (2nd time)	Yes	-	-	50,000	-	Yes
9	Preventing AFI from exercising his/her powers (3rd time)	-	Yes	Yes	1,00,000	Yes	Yes
10	Not providing Animal feed samples when AFI asks for (1st time)	-	-	-	25,000	-	-
11	Not providing Animal feed samples when AFI asks for (2nd time)	Yes	-	-	50,000	-	Yes
12	Not providing Animal feed samples when AFI asks for (3rd time)	-	-	Yes	1,00,000	Yes	Yes
13	Physical attack on	Yes	Yes	-	50,000	Yes	-

	AFI or any other staff while performing his/her duty						
14	Sale of expired feed	Yes	Yes	-	50,000	Yes	Yes
15	Sale of feed without proper label	Yes	Yes	-	50,000	Yes	Yes
16	Adulteration in feed proved by test report	-	Yes	Yes	50,000	Yes	Yes
17	Sub-standard feed proved by lab report for the 1st time during the license period	-	Yes	-	2,00,000	-	-
18	Sub-standard feed proved by lab report for 2nd time during the license period	Yes	Yes	-	5,00,000	-	Yes
19	Sub-standard feed proved by lab report for 3rd time during the license period	-	Yes	Yes	10,00,000	Yes	Yes
20	If licensee carryout any Animal feed business operations other than for which license is obtained	Yes	Yes	-	1,00,000	-	Yes
21	In case of Animal feeds produced in other states / countries and contains adulterants, action to be taken on the licensee (1st instance)*	Yes	Yes	-	1,00,000	-	Yes
22	In case of Animal feeds produced in other states / countries and does not comply with the approved standards, action to be taken on the licensee (2nd instance) *	-	Yes	Yes	2,00,000	-	Yes
23	Any other violation under Animal Feed Act / Rules	Yes	Yes	-	50,000	-	Yes
24	Fee to be paid for appeal : Rs. 10,000/- per appeal						

*in the case of presence of adulterants / non-compliance to standards in imported Animal feeds (from other States/other countries) distribution / sale of such feed will be banned in the State.

Note:

1. If the distributor/ vendor deals with Animal feed of more than one company, suspension or cancellation of his/her licence will be limited to the particular company whose Animal feed product found to have violated provisions of the act or rules made under the act. Therefore, the dealer / vendor may continue to do business of other companies.

2. In case of stoking/sale of adulterated/substandard feed by any dealer/vendor, the feed manufacturer is also liable for punishment along with the "dealer/vendor"

ANNEXURE-IX

GENERAL REQUIREMENT TO BE COMPLIED BY ANIMAL FEED MANUFACTURING PLANTS AND DISTRIBUTORS

I. Premises design and facilities recommended practices

1. Location: Away from polluted areas, areas subject to flooding, pest infestations and presence of wastes
2. Design and lay out: In general, 20 feed bags, each of 50kg, require 1cubic meter space. Physical separation of activities that can cause contamination. Covering and protection of intake and loading facilities. Sufficient space to conduct operations. No cross-connection between sewage and drainage systems
3. Internal structures and fittings: Walls, doors and partitions with smooth surface. Windows fitted with removable and cleanable screens. Floors with adequate drainage
4. Equipment: Made of nontoxic materials. Easy to disassemble, clean and maintain.
5. Water supply: Potable water, where needed, according to WHO guidelines Monitored and controlled chemical treatment
6. Drainage and waste disposal: Constructed not to cross-connect with potable water
7. Cleaning facilities: Corrosion resistant and easily cleanable.
8. Hygiene facilities: Provided with means for washing and drying hands. Hand wash basins near toilets. Availability of soap and paper towels. Constant supply of potable water. Availability of protective clothing
9. Air quality, temperature and ventilation: Control of temperature, humidity and ventilation, where necessary.
10. Lighting: Adequate artificial or natural lighting sources Protected lighting fixtures(Recommended lighting: *540 lox in inspection areas *220 lux in work areas *110 lux in other areas)
11. Storage: A wooden platform of height 150 to 200 mm is prepared above the floor of storage shed to avoid the direct contact between the floors and feed bag. Permit adequate maintenance, cleaning and inspection activities. Separate areas for rejected products, waste material and chemicals
12. Rodent proofing: Rodent proofing of go-down can be enforced by closing, protecting and preventing access to rats by using structural materials. Suitable guards are provided to check climbing, preventing entry through foundations, walls, floor, roofs, ventilators, doors, windows, etc. Fire extinguishers are fixed
13. Whether Fire extinguishers are fixed and fixing of 'No smoking boards'
14. Whether building insured or not

II. Examination of the existing stock condition

1. Observation on Infestation: A careful and close examination for the presence of weevils, worms, moulds, fungal growth, rancid odour etc., is required. Evidence of damage to bags by rats and birds Squirrels, rats and mice should be traced minutely.
2. Deterioration in quality: Record moisture content, rancidity, mould and fungal growth
3. Whether rats and birds problem addressed Control rodents is as per the Prevention of Food Adulteration (PFA) as mentioned below;
    i. Trapping: Various types of rat traps can be used for killing the rats
    ii. Poison baiting using rodenticides like barium carbonate, zinc phosphate, red squill, phosphorus, tomorin, sodium fluoro-acetate etc.
    iii. Spraying is done to control light infestation. DDT/ lindane formulation, malathion, DDVP (Nuvon) are the usual insecticides used for spraying. DDVP can be used as 300 ppm solution to spray over the stacks and malathion 5per cent can be sprayed on the floor and walls ups to 9 ft. height.
    iv. Fumigation: In case of heavy and very heavy infestation whether fumigation carried out or not. For this the stacks is covered with

aluminum coated rubber sheets to make the stacks airtight and fumigation is done by supplying fumigants (e.g. aluminum phosphide) to the stacks. Some of the fumigants used in cattle feed plants are listed below:

a. ED: CT mixture 30 to 35 tables / 1,000 sq. ft. for 48 hours every 3 months.
b. EDB and MB mixture 1 to 3 tables/1,000 cu ft.
c. Celphos tables – 2 tabs/ton
d. 16 per cent lindane in a smoke generator.

v. To assess the extent of infestation about 3 kg samples should be collected from different stacks, sieved and examined;

	General guidelines for insect infestation
Clean	No insects in stocks or in the sieved sample or the sample incubated for 3 weeks
Light	2 to 3 adult insects in the sample with 1 per cent damaged grains
Medium	5 to 10 adult insects with 3 per cent damaged grains
Heavy	Crawling insects on the stacks, 10 to 20 adult insects in one kg sample, 5 per cent damaged grains
Very heavy	5 per cent damaged grains 10 to 20 adults in 100 g sample

4. Any Weight losses from the weight mentioned on the bag
5. Proper Staking of different materials is followed;
   i) Height of stack should not be more than 18 bags
   ii) Size of stacking of bags should not be more than 5 M in length and 3 M in width
   iii) There should be a minimum gap of 600 mm between two consecutive bags to ensure proper air circulation
   iv) The stack should not touch the walls of shed and it should be considerably 300 mm away from the external walls
   v) For each stack date of placing should be noted to know their period of storage.
   vi) To avoid rise in temperature in silos, aeration system (in case of grain silo) should be operated in night instead of in day time for better cooling efficiency.
   vii) In case of DORB storage silos, re-circulation shall compulsorily be done at a regular interval at least once a day
   viii) Duration of Storage (raw material: not more than one month): How long the material is stored

Whether First in and First out system is followed

Records (whichever is applicable) to be maintained by Animal Feed Business Operations :

1. License/Registrations Certificates from Competent Authorities
2. Facilities and Infrastructure
3. Technicians and Staff Particulars
4. Safety Standards
5. SOPS / Protocols
6. Sample / Quality testing
   (i) Inputs
   (ii) Indents and Supply orders
   (iii) Bill books / Invoices
   (iv) Stock Register
   (v) Sales Register
   (vi) Annual Turnover Register
   (vii) Accounts Register
   (viii) Audit Reports
   (ix) Inspection Register
   (x) Tests conducted register for labs

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